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AIRLINE DELAY TRENDS, 1973-1974. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
JUL 76 H M CONDELL, S M HOROWITZ

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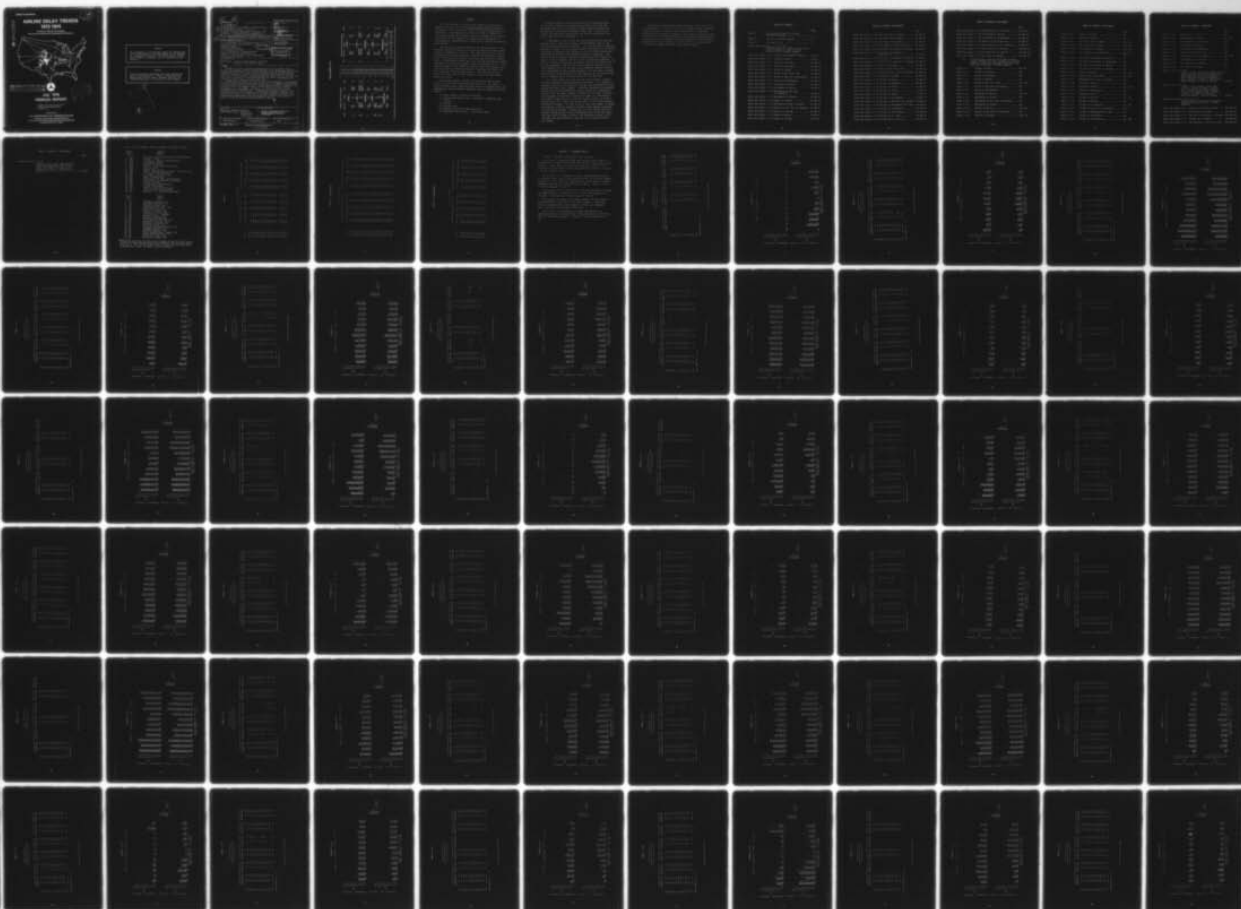
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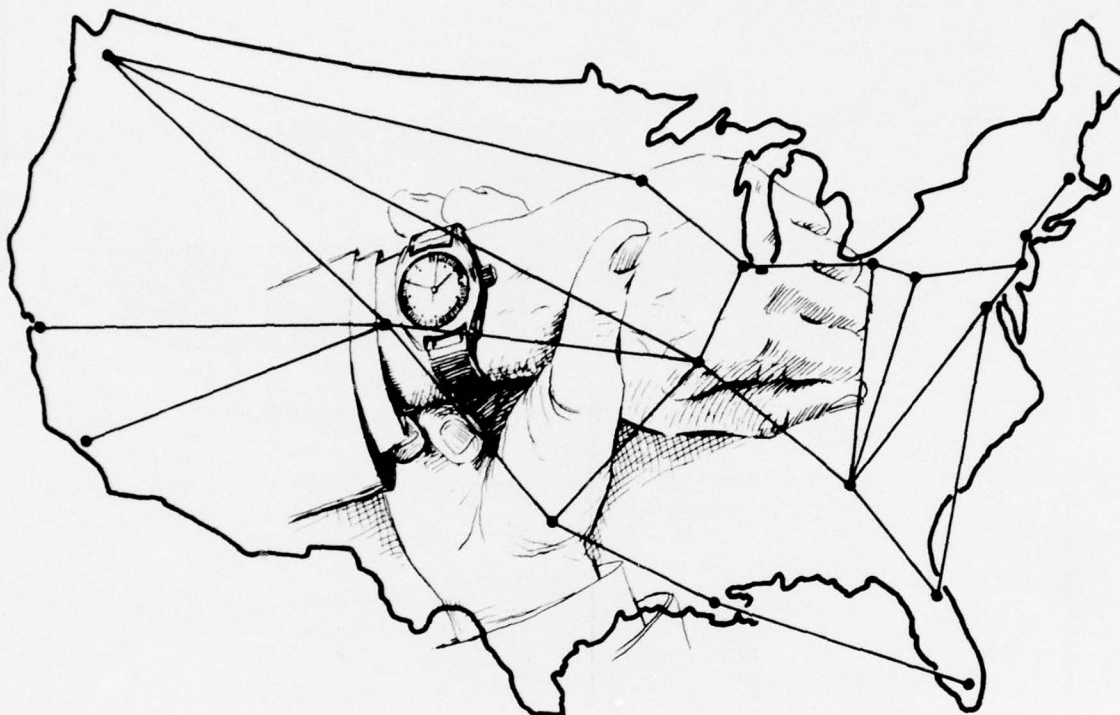


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AIRLINE DELAY TRENDS 1973-1974

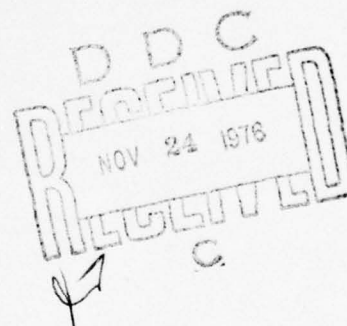
A Study of Block Time Delays
Ground and Airborne for Scheduled Air Carriers



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July 1976 ANNUAL REPORT



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Prepared for
**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
OFFICE OF SYSTEMS ENGINEERING MANAGEMENT
WASHINGTON D C 20591**

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Technical Report Documentation Page

1. Report No. FAA-EM-76-8	2. Government Accession No.	3. Recipient's Catalog No. 11
4. Title and Subtitle AIRLINE DELAY TRENDS, 1973-1974, A STUDY OF BLOCK TIME DELAYS, GROUND AND AIRBORNE, FOR SCHEDULED AIR CARRIERS.	5. Report Date July 1976	6. Performing Organization Code 14
7. Author(s) Helen M. Condell, Seymour M. Horowitz, Alan S. Kaprelian	8. Performing Organization Report No. DOT-TSC-FAA-76-24	9. Work Unit No. (TRA/S) FA-T40/R6169T
10. Performing Organization Name and Address U.S. Department of Transportation Transportation Systems Center Kendall Square Cambridge MA 02142	11. Contract or Grant No.	12. Type of Report and Period Covered Annual Report 1973-1974
12. Sponsoring Agency Name and Address U.S. Department of Transportation Federal Aviation Administration Office of Systems Engineering Management Washington DC 20591	13. Sponsoring Agency Code	14. Supplementary Notes Reference: Airline Delay Trends, 1972-1973 Report No. EM-74-11, Volume I
15. Abstract <p>Estimates of block, airborne and ground delays for route segments flown by United States domestic scheduled airlines operating out of twenty large airports are presented in this document. The data were determined from the CAB ER-586 Service Segment data base, which provides monthly operational times, both ground and airborne, for all route segments receiving scheduled air carrier service. The data in this report are limited to the three-hundred and twenty-five route segments connecting the twenty airports included in the study.</p> <p>Average monthly estimates of the ground and airborne components of block delays, defined as delays encountered from "ramp to ramp" on a route segment, are presented for the two-year period from 1973-1974. Average monthly estimates of delays for the airborne portion of the segment ("wheels off" to "wheels on") are categorized according to (1) route segment, (2) airline, (3) aircraft type and (4) local scheduled arrival or departure time. Average monthly estimates of delays for the ground portion of the route segments are categorized according to departure and arrival ground times at the twenty airport locations included in the study. These estimates of ground delays are further categorized into "busy" time intervals (07:00 - 22:59) and "dull" time intervals (23:00 - 06:59).</p>		
17. Key Words Measures of System Performances Route Segment Delay: Block Delay Airborne Delay Ground Delay		18. Distribution Statement DOCUMENT IS AVAILABLE TO THE U.S. PUBLIC THROUGH THE NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VIRGINIA 22161
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 462
22. Price		

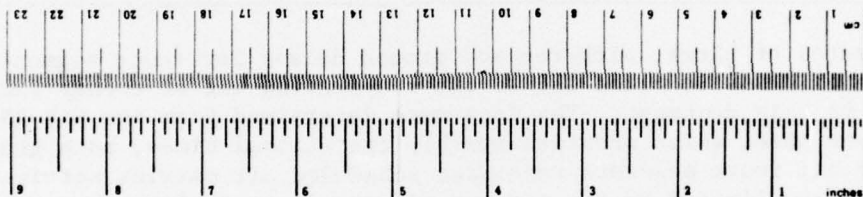
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METRIC CONVERSION FACTORS

Approximate Conversions to Metric Measures

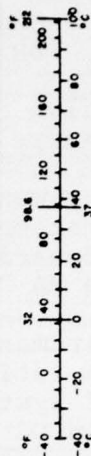
Symbol	When You Know	Multiply by	To Find	Symbol
LENGTH				
in	inches	2.5	Centimeters	cm
ft	feet	30	Centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
AREA				
in ²	square inches	6.5	square centimeters	cm ²
ft ²	square feet	0.09	square meters	m ²
yd ²	square yards	0.8	square meters	m ²
mi ²	square miles	2.6	square kilometers	km ²
	acres	0.4	hectares	ha
MASS (weight)				
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2000 lb)	0.9	tonnes	t
VOLUME				
teaspoon	teaspoons	5	milliliters	ml
Tablespoon	tablespoons	15	milliliters	ml
fl oz	fluid ounces	30	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quarts	0.95	liters	l
gal	gallons	3.8	liters	l
ft ³	cubic feet	0.03	cubic meters	m ³
yd ³	cubic yards	0.76	cubic meters	m ³
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C



Approximate Conversions from Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
LENGTH				
mm	millimeters	0.04	inches	in
cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
mi	miles	1.1	yards	yd
km	kilometers	0.6	miles	mi
AREA				
cm ²	square centimeters	0.16	square inches	in ²
m ²	square meters	1.2	square yards	yd ²
km ²	square kilometers	0.4	square miles	mi ²
ha	hectares (10,000 m ²)	2.5	acres	ac
MASS (weight)				
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tonnes (1000 kg)	1.1	short tons	st
VOLUME				
ml	milliliters	0.03	fluid ounces	fl oz
l	liters	2.1	pints	pt
l	liters	1.06	quarts	qt
l	liters	0.26	gallons	gal
m ³	cubic meters	35	cubic feet	ft ³
m ³	cubic meters	1.3	cubic yards	yd ³
°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F

TEMPERATURE (exact)



PREFACE

The 1976 edition of Airline Delay Trends is essentially an updated version of the report Airline Delay Trends, 1972-1973 published in FY1975 by the FAA Office of Systems Engineering and Development. Arrangements were made in FY1976 to transfer all statistical models and computer programs developed by the initial study effort to the computer facilities of the Department of Transportation, Transportation Systems Center located in Cambridge, Massachusetts.

The tables and graphs produced at TSC and presented in this document provide an estimate of block time delays for the nation's domestic scheduled air carriers. The data were derived by using a comprehensive airline data base, the CAB ER-586 Service Segment data. This data base provides continuous and consistent monthly totals of operational block times, for both the airborne and ground components of all route segments flown in scheduled service. The level of detail of the trends in airline delays determined by the CAB data files was further enhanced by combining the files with data available from two other sources - the Official Airline Guide data (OAG) and the Port Authority of New York/New Jersey ground time data.

The average monthly estimates of delays provided in this report cover the two-year period, 1973 and 1974. The level of detail of delay times, made available from the CAB data files, and augmented by the OAG and Port Authority data is categorized according to:

- (1) Route segment; airborne and ground
- (2) Airborne and ground time by direction - departure and arrival
- (3) Airline
- (4) Aircraft type
- (5) Scheduled arrival or departure time
- (6) Scheduled time interval - "busy" and "dull"

Average monthly estimates of delays for the ground portion of the route segment are categorized according to arrival and departure times at the 20 specific airport locations connecting the network of 329 routes included in the study. Estimates of arrival and departure ground delays are further categorized into "busy" and "dull" time intervals.

A supplement to this report has been prepared which describes the data bases, statistical models, and methodology used in the study to produce the delay estimates. It is essentially a condensed version of Volume I of the original report (FAA Report No. EM-74-11), and should be read by those unfamiliar with the study before interpretation of the delay data presented within is attempted. The 1973-1974 delay document includes a complete graphical display of delays at the 20 airports and the 50 most active route segments, as well as tabular presentations of summary data for the entire list of 329 route segments. The 1973-1974 data revealed that the top 50 route segments for this two-year period differed slightly from the top 50 presented in the original document. For the sake of comparison and time series analysis the new report gives the data for the same 50 segments which were most active in 1972 and 1973.

The reader should note that the new report differs slightly from the original in that Dallas/Love Field (DAL) is no longer included in the list of 20 airports, and has been replaced by the new Dallas/Fort Worth (DFW) airport. Therefore, apparent discrepancies between the 1973 data presented in both reports are explained by the fact that the newer document excludes all 1973 data involving route segments with Dallas as either an origin or a destination. For example, page 401 of the 1972-1973 report presents a table of average yearly air, block, and ground times for all route segments arriving at Atlanta. It shows 57,672 as the total number of flights into Atlanta, with the Dallas-to-Atlanta route segment accounting for 5065 of the flights. Because the 1973-1974 report omits all flights leaving Dallas, the corresponding table of the new report will show 52,607 flights, which is the difference between 57,672 (ALL→ATL) and 5065 (DAL→ATL); page 368 of this report verifies this number.

Several other modifications have been made in the new version of the document. Section G-III of the original report, composed of tables and charts of airborne and ground delays by scheduled departure hour, has been eliminated. Also, what was Section G-V/4, now Chapter IV-5, has been altered to give hourly distributions of airborne delays for flights arriving at each of the study airports, computed with yearly averages, for 1973 and 1974, as opposed to the November averages reported in the earlier report.

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TABLE A MAJOR AIRPORTS AND AIR CARRIERS INCLUDED IN STUDY

<u>AIRPORT CODE</u>	<u>AIRPORT NAME</u>
1. ATL	William B. Hartsfield Atlanta International
2. BOS	Boston - Logan
3. CLE	Cleveland - Hopkins International
4. DFW	Dallas/Fort Worth
5. DCA	Washington National
6. DEN	Denver - Stapleton International
7. DTW	Detroit Metro
8. EWR	Newark (New Jersey)
9. JFK	John F. Kennedy International (New York City)
10. LAX	Los Angeles International
11. LGA	La Guardia (New York City)
12. MIA	Miami International
13. MSP	Minneapolis/St. Paul International
14. MSY	New Orleans International (Moisant)
15. ORD	O'Hare (Chicago)
16. PHL	Philadelphia International
17. PIT	Greater Pittsburgh
18. SEA	Seattle/Tacoma International
19. SFO	San Francisco International
20. STL	Lambert - St. Louis International

<u>AIRLINE CODE</u>	<u>AIRLINE NAME</u>
1. AL	Allegheny Airlines, Inc.
2. AA	American Airlines, Inc.
3. BN	Braniff Airways, Inc.
4. CO	Continental Air Lines, Inc.
5. DL	Delta Air Lines, Inc.
6. EA	Eastern Air Lines, Inc.
7. FL	Frontier Airlines, Inc.
8. RW	Air West, Inc. - (Hughes)
9. MO	Mohawk Airlines, Inc.*
10. NA	National Airlines, Inc.
11. NC	North Central Airlines, Inc.
12. NE	Northeast Airlines, Inc.*
13. NW	Northwest Airlines, Inc.
14. OZ	Ozark Air Lines, Inc.
15. PA	Pan American World Airways, Inc.
16. PI	Piedmont Aviation, Inc.
17. SO	Southern Airways, Inc.
18. TT	Texas International Airways, Inc.
19. TW	Trans World Airlines, Inc.
20. UA	United Air Lines, Inc.
21. WA	Western Air Lines, Inc.

* Mohawk and Northeast Airlines were included in the 1972-1973 study. In 1972, however, Mohawk merged with Allegheny and Northeast merged with Delta. They do not appear within as reporting air carriers, although their route structures were maintained.

TABLE B

TOP 50 U.S. ROUTE SEGMENTS

FROM	TO	1973				1974					
		FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL	FLIGHTS	AVG AIR TIME	AVG AIR DEL	AVG GND TIME	AVG GND DEL
ATL	DFW						3539	1:42	0:07	0:17	0:05
ATI	MIA	5010	1:21	0:06	0:18	0:08	4745	1:20	0:05	0:18	0:08
ATL	ORD	5869	1:30	0:15	0:18	0:05	4424	1:33	0:19	0:18	0:05
RNS	DCA	6278	1:03	0:04	0:15	0:03	6590	1:04	0:04	0:15	0:03
RNS	EWK	5309	0:47	0:07	0:16	0:03	3080	0:46	0:06	0:17	0:04
RNS	JFK	4231	0:41	0:12	0:18	0:02	2893	0:41	0:12	0:18	0:02
RNS	LGA	11108	0:41	0:09	0:16	0:03	11537	0:42	0:10	0:16	0:03
RNS	PHL	7597	0:55	0:16	0:14	0:03	6921	0:57	0:15	0:14	0:03
CLE	DTW	5559	0:27	0:05	0:10	0:00	2938	0:25	0:04	0:10	-0:00
DCA	RNS	6608	0:59	0:06	0:16	0:05	6425	0:59	0:06	0:14	0:03
DCA	LGA	10346	0:45	0:14	0:16	0:03	10767	0:44	0:13	0:15	0:02
DCA	ORD	8026	1:39	0:17	0:20	0:06	6251	1:44	0:22	0:19	0:05
DEN	ORD	6815	1:54	0:12	0:16	0:08	5002	1:55	0:13	0:15	0:07
DFW	ATL						3849	1:37	0:10	0:13	0:02
DTW	LGA	5310	1:14	0:10	0:15	0:03	3152	1:11	0:07	0:14	0:02
DTW	ORD	7738	0:48	0:09	0:18	0:05	5108	0:49	0:11	0:17	0:04
EMR	RNS	5118	0:38	0:11	0:16	0:05	2286	0:37	0:13	0:17	0:06
EMR	ORD	5226	1:53	0:21	0:20	0:06	3281	2:00	0:28	0:20	0:06

TABLE B (Continued)

TOP 50 U.S. ROUTE SEGMENTS

		1973-----1974-----									
FROM	TO	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
JFK	BOS	4494	0:34	0:13	0:24	0:07	2723	0:34	0:13	0:21	0:04
JFK	MIA	5713	2:21	0:07	0:22	0:05	3990	2:23	0:09	0:21	0:04
LAX	ORD	8814	3:23	0:09	0:19	0:05	7166	3:25	0:12	0:19	0:05
LAX	SFO	17132	0:52	0:05	0:14	0:02	10339	0:52	0:06	0:14	0:02
LGA	BOS	11551	0:34	0:07	0:20	0:10	11117	0:35	0:06	0:18	0:08
LGA	DCA	10502	0:45	0:14	0:19	0:08	10632	0:45	0:14	0:16	0:05
LGA	DTW	5382	1:18	0:05	0:21	0:10	3464	1:18	0:05	0:20	0:09
LGA	ORD	10987	1:53	0:22	0:27	0:14	7958	1:59	0:28	0:26	0:13
MIA	ATL	5237	1:29	0:11	0:16	0:05	4173	1:30	0:12	0:15	0:04
MIA	JFK	5150	2:18	0:11	0:19	0:05	3525	2:19	0:11	0:18	0:04
MSP	ORD	8326	0:57	0:14	0:17	0:07	5672	0:58	0:16	0:17	0:07
ORD	ATL	6696	1:23	0:16	0:21	0:08	4831	1:25	0:18	0:20	0:07
ORD	BOS	4809	1:43	0:08	0:21	0:10	4109	1:43	0:08	0:21	0:10
ORD	DCA	7633	1:21	0:09	0:19	0:07	5785	1:21	0:09	0:20	0:08
ORD	DFW	6311	1:58	0:01	0:19	0:08	4940	2:02	0:05	0:20	0:09
ORD	DTW	7495	0:39	0:08	0:20	0:08	5479	0:38	0:07	0:20	0:08
ORD	EWR	5026	1:31	0:07	0:21	0:08	3151	1:30	0:07	0:22	0:09
ORD	LAX	8680	3:39	0:04	0:22	0:10	6573	3:44	0:10	0:21	0:09
ORD	LGA	10696	1:36	0:10	0:22	0:09	7623	1:35	0:10	0:22	0:09
ORD	MSP	7935	0:55	0:04	0:19	0:08	5835	0:55	0:05	0:20	0:09

TABLE B (Continued)

TOP 50 U.S. ROUTE SEGMENTS

FROM	TO	FLIGHTS	1973				1974				
			AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL	FLIGHTS	AVG AIR TME	AVG AIR DEL	AVG GND TME	AVG GND DEL
ORD	PIT	6701	0:58	0:04	0:18	0:07	6308	0:59	0:05	0:19	0:08
ORD	SFO	5437	3:54	0:01	0:22	0:10	4191	3:58	0:05	0:22	0:10
ORD	STL	6766	0:42	0:03	0:20	0:09	5493	0:43	0:04	0:19	0:08
PHL	ROS	6997	0:49	0:13	0:13	0:04	7235	0:50	0:14	0:13	0:04
PHL	PIT	6655	0:46	0:02	0:13	0:04	5877	0:49	0:05	0:13	0:04
PIT	ORD	6589	1:11	0:07	0:14	0:07	6381	1:16	0:12	0:14	0:07
PIT	PHL	7104	0:45	0:12	0:11	0:07	6082	0:46	0:13	0:11	0:07
SFO	SFO	5493	1:34	0:12	0:11	0:02	2764	1:34	0:12	0:12	0:03
SFO	LAX	16101	0:51	0:05	0:16	0:05	9367	0:52	0:06	0:16	0:05
SFO	ORD	5704	3:34	0:09	0:21	0:08	4491	3:36	0:11	0:21	0:08
SFO	SFO	5738	1:29	0:05	0:13	0:03	3121	1:31	0:07	0:14	0:04
STL	ORD	6862	0:49	0:11	0:13	0:05	5795	0:53	0:15	0:11	0:03

CHAPTER I. AIRBORNE DELAYS

Chapter I data are divided into five sections:

- Section I-1 presents tables and figures illustrating airborne delays by month for 1973 and 1974 for the 50 most active route segments. These delays are shown as averages for "busy" (07:00 through 22:59) and "dull" (23:00 through 06:59) intervals. Section I-1 covers pages 8 to 105.

- Section I-2 is composed of tables showing annual averages of airborne times, delays, and flight activity for 48 route segments during 1973. These data are categorized by route segment, airline, equipment type and time interval (busy or dull). Tables I-2-1 to I-2-48 are on pages 107 to 172.

- Section I-3 shows for the year 1974 the same kind of information that Section I-2 shows for 1973. Fifty route segments are included. The tables are found on pages 173 to 235.

- Section I-4 compares the annual averages of the airborne delays during 1973 and 1974 for 50 route segments. These data are also categorized by route segment, airline, and equipment type. The tables are on pages 236 to 299.

- Section I-5 illustrates, in tables and figures, the cumulative percentile distribution of airborne delays for 1973 and 1974 for five route segments. Section I-5 covers pages 300 to 309.

TABLE I-1-1

AIRPHONE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT ATL >>> DEN

	1973				1974				TOTAL			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	223	0:16	54	0:12	223	0:16	54	0:12	223	0:16	54	0:12
FEB	216	0:12	61	0:08	216	0:12	61	0:08	216	0:12	61	0:08
MAR	208	0:13	60	0:06	208	0:13	60	0:06	208	0:13	60	0:06
APR	335	0:05	31	-0:03	335	0:05	31	-0:03	335	0:05	31	-0:03
MAY	299	0:04	29	-0:04	299	0:04	29	-0:04	299	0:04	29	-0:04
JUN	302	-0:00	51	-0:04	302	-0:00	51	-0:04	302	-0:00	51	-0:04
JUL	338	0:04	31	-0:02	338	0:04	31	-0:02	338	0:04	31	-0:02
AUG	194	0:08	50	0:01	194	0:08	50	0:01	194	0:08	50	0:01
SEP	130	0:04	26	-0:02	130	0:04	26	-0:02	130	0:04	26	-0:02
OCT	347	0:11	29	0:03	347	0:11	29	0:03	347	0:11	29	0:03
NOV	219	0:13	14	0:07	219	0:13	14	0:07	219	0:13	14	0:07
DEC	2811	0:08	396	0:03	2811	0:08	396	0:03	2811	0:08	396	0:03
TOTAL												

NOMINAL AIRPHONE TIME = 1:35

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-1
ROUTE SEGMENT ATL TO DFW

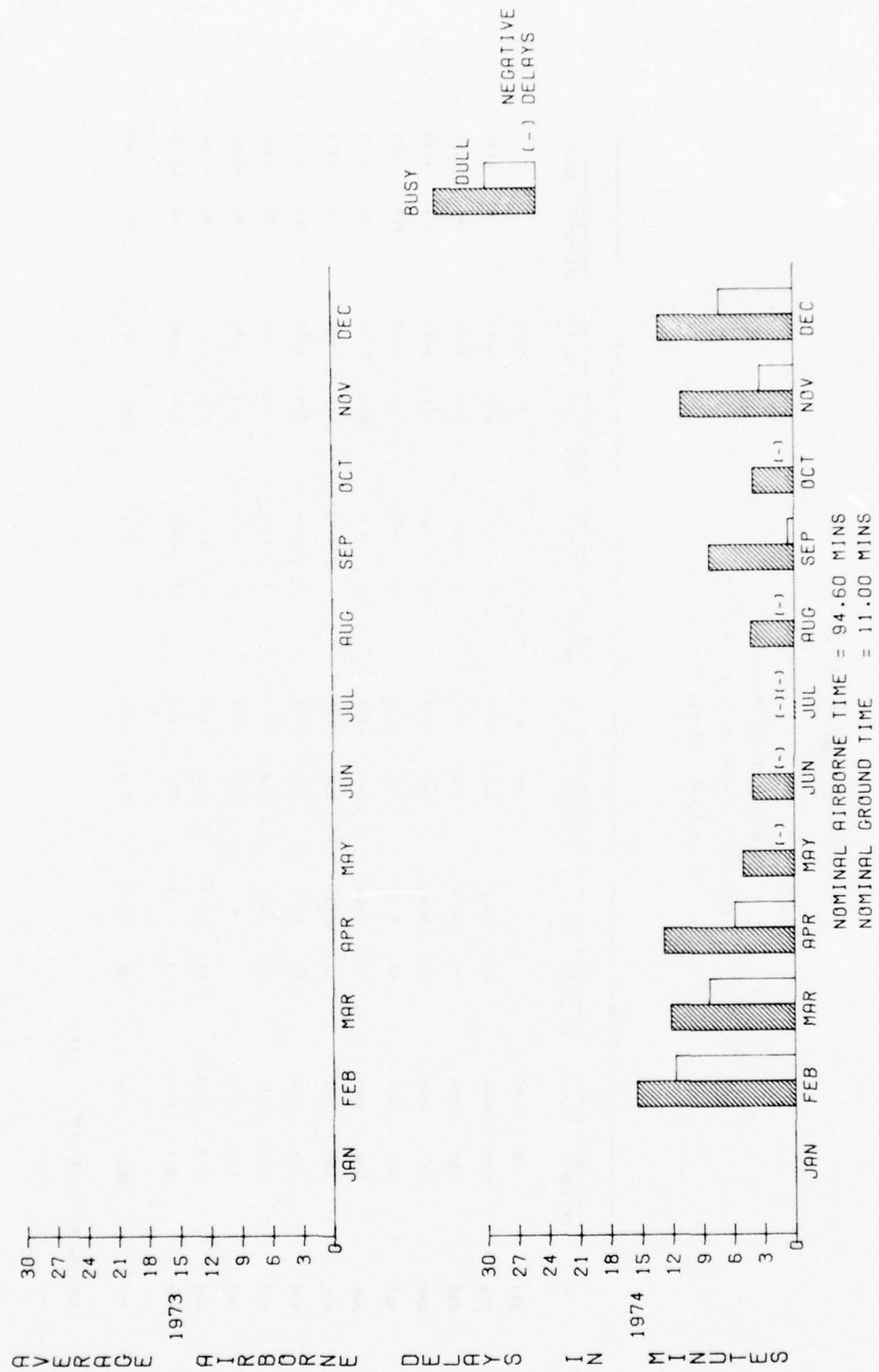


TABLE I-1-2

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ATL >>> MIA

	1973				1974				1975			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	93	0:09			68	0:03			161	0:07		
FEB	273	0:05	81	0:01	335	0:05	27	0:00	608	0:05	108	0:01
MAR	301	0:06	90	0:04	370	0:05	31	-0:02	671	0:05	121	0:03
APR	257	0:06	85	0:05	358	0:05	29	-0:02	615	0:05	114	0:03
MAY	371	0:06	57	0:01	340	0:07	60	0:02	711	0:06	117	0:01
JUN	358	0:08	58	0:02	297	0:08	59	0:04	655	0:08	117	0:03
JUL	308	0:10	32	-0:00	308	0:08	61	0:03	616	0:09	93	0:02
AUG	397	0:09	64	0:02	432	0:08	62	0:04	820	0:09	126	0:03
SEP	277	0:07	30	0:03	330	0:06	33	0:01	607	0:06	63	0:02
OCT	270	0:05			307	0:04	31	-0:00	577	0:05	31	-0:00
NOV	353	0:03	34	-0:01	325	0:05	57	0:00	678	0:04	91	-0:00
DEC	203	0:05	1	-0:03	276	0:05	45	-0:00	479	0:05	46	-0:00
TOTAL	3461	0:07	532	0:02	3746	0:06	495	0:01	7207	0:06	1027	0:02

NOMINAL AIRBORNE TIME = 1:15

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-2
ROUTE SEGMENT ATL TO MIA



TABLE I-1-3

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT ATL >>> ORD

	1973				1974				TOTAL			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	376	0:20	21	0:09	225	0:16	1	0:11	601	0:18	22	0:09
FEB	324	0:24	94	0:09	265	0:22	55	0:12	589	0:23	149	0:10
MAR	325	0:22	106	0:08	301	0:21	50	0:09	626	0:22	136	0:09
APR	318	0:17	98	0:07	265	0:17	50	0:08	583	0:17	128	0:07
MAY	348	0:14	134	0:10	305	0:20	60	0:13	693	0:17	194	0:11
JUN	381	0:13	153	0:07	294	0:16	28	0:08	675	0:14	161	0:07
JUL	390	0:14	71	0:08	303	0:16	31	0:06	693	0:15	102	0:07
AUG	393	0:13	137	0:07	335	0:24	60	0:10	728	0:18	197	0:08
SEP	374	0:14	76	0:09	288	0:28	30	0:07	662	0:23	106	0:08
OCT	390	0:15	74	0:10	308	0:27	50	0:10	698	0:21	104	0:10
NOV	360	0:14	95	0:11	242	0:19	57	0:11	602	0:16	152	0:11
DEC	335	0:21	30	0:09	246	0:21	62	0:13	581	0:21	92	0:12
TOTAL	4354	0:17	1069	0:09	3377	0:21	474	0:10	7731	0:19	1543	0:09

NOMINAL AIRBORNE TIME = 1:15

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-3
ROUTE SEGMENT ATL TO ORD

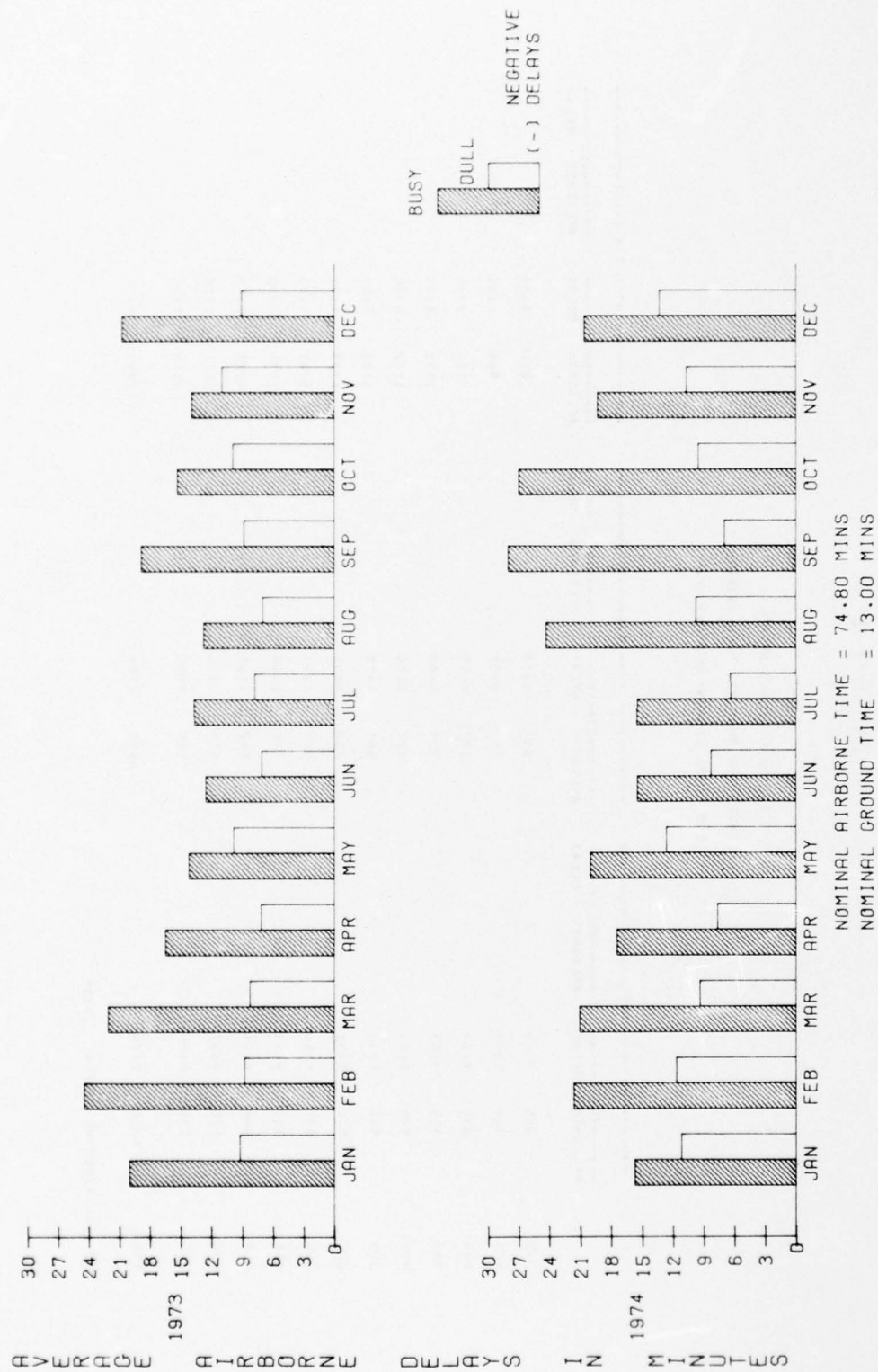


TABLE I-1-4

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT BOS ==> DCA

	1973				1974				TOTAL			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	205	0:06			445	0:07			650	0:06		
FEB	469	0:07			500	0:06			969	0:06		
MAR	530	0:04			572	0:05			1102	0:05		
APR	515	0:03			523	0:03			1038	0:03		
MAY	590	0:05			602	0:03			1192	0:04		
JUN	544	0:02			581	0:03			1125	0:03		
JUL	546	0:01			602	0:01			1148	0:01		
AUG	641	0:01			600	0:01			1241	0:01		
SEP	540	0:03			530	0:04			1070	0:05		
OCT	498	0:03			542	0:06			1040	0:05		
NOV	672	0:05			539	0:04			1211	0:04		
DEC	500	0:06			554	0:05			1054	0:05		
TOTAL	6250	0:04			6590	0:04			12840	0:04		
NOMINAL AIRBORNE TIME = 0:159												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-4

ROUTE SEGMENT BOS TO DCA

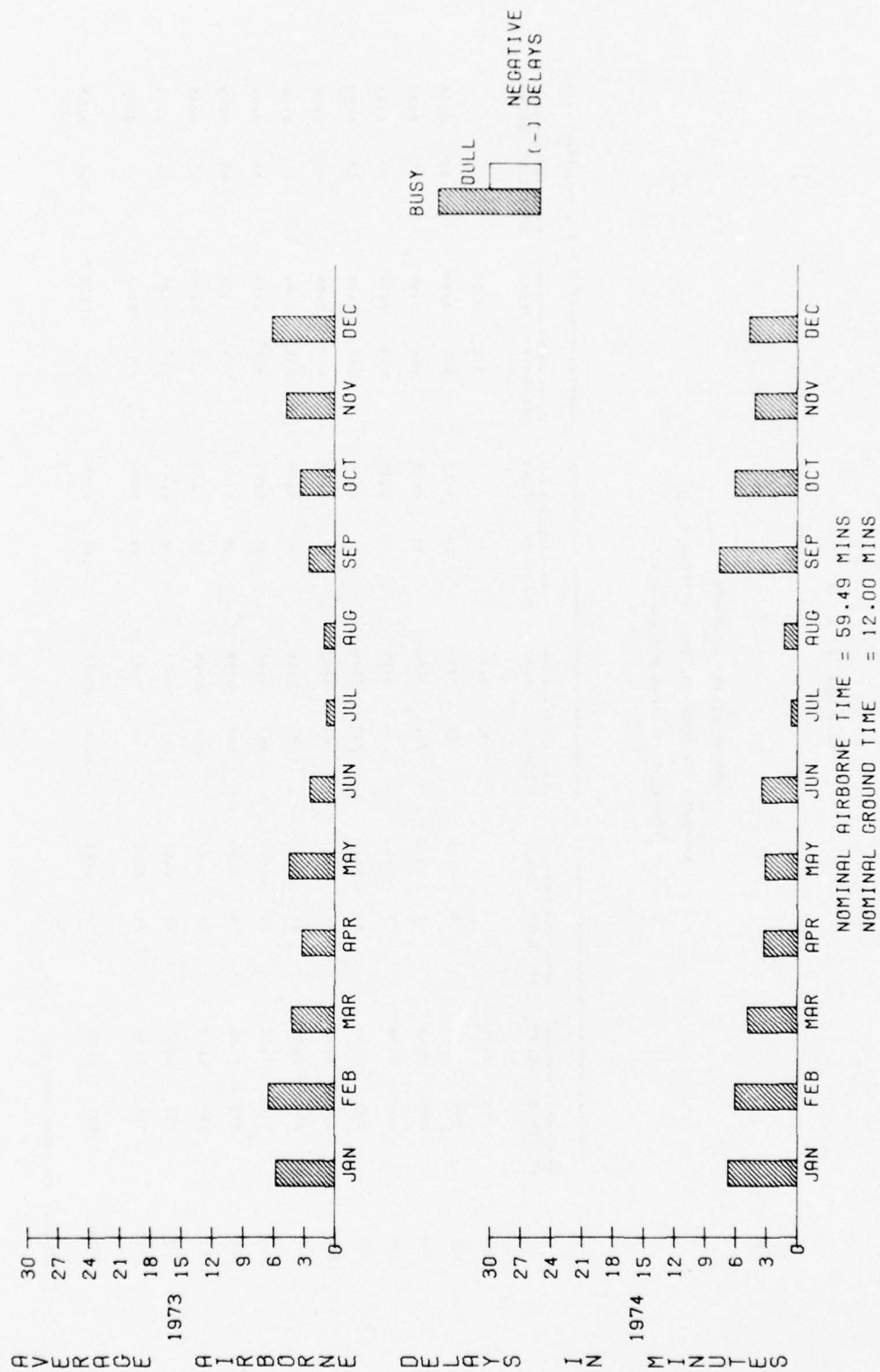


TABLE I-1-5

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT BOS >>> EMM

	1973				1974				TOTAL			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	493	0:06			77	0:10			570	0:07		
FEB	376	0:10	8	-0:02	218	0:07	28	0:08	594	0:09	36	0:06
MAR	405	0:09	9	0:01	241	0:06	30	0:05	646	0:08	39	0:04
APR	419	0:08	9	-0:03	254	0:05	30	0:03	653	0:07	39	0:01
MAY	453	0:09	31	0:02	259	0:06	31	0:01	712	0:08	62	0:02
JUN	425	0:09	28	0:01	254	0:06	30	0:03	679	0:08	58	0:02
JUL	406	0:07	30	0:00	227	0:06	31	0:00	633	0:06	61	0:00
AUG	410	0:07	29	-0:00	260	0:07	61	0:03	670	0:07	90	0:02
SEP	391	0:08	29	0:01	198	0:08	59	0:06	589	0:08	88	0:04
OCT	399	0:07	30	0:02	206	0:08	57	0:03	605	0:08	87	0:03
NOV	401	0:07	58	0:01	276	0:07	53	0:05	677	0:07	111	0:03
DEC	315	0:08	28	0:01	161	0:07	59	0:06	476	0:08	87	0:05
TOTAL	4893	0:08	289	0:01	2611	0:07	469	0:04	7504	0:07	758	0:03

NOMINAL AIRBORNE TIME = 0:40

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-5
ROUTE SEGMENT BOS TO EWR

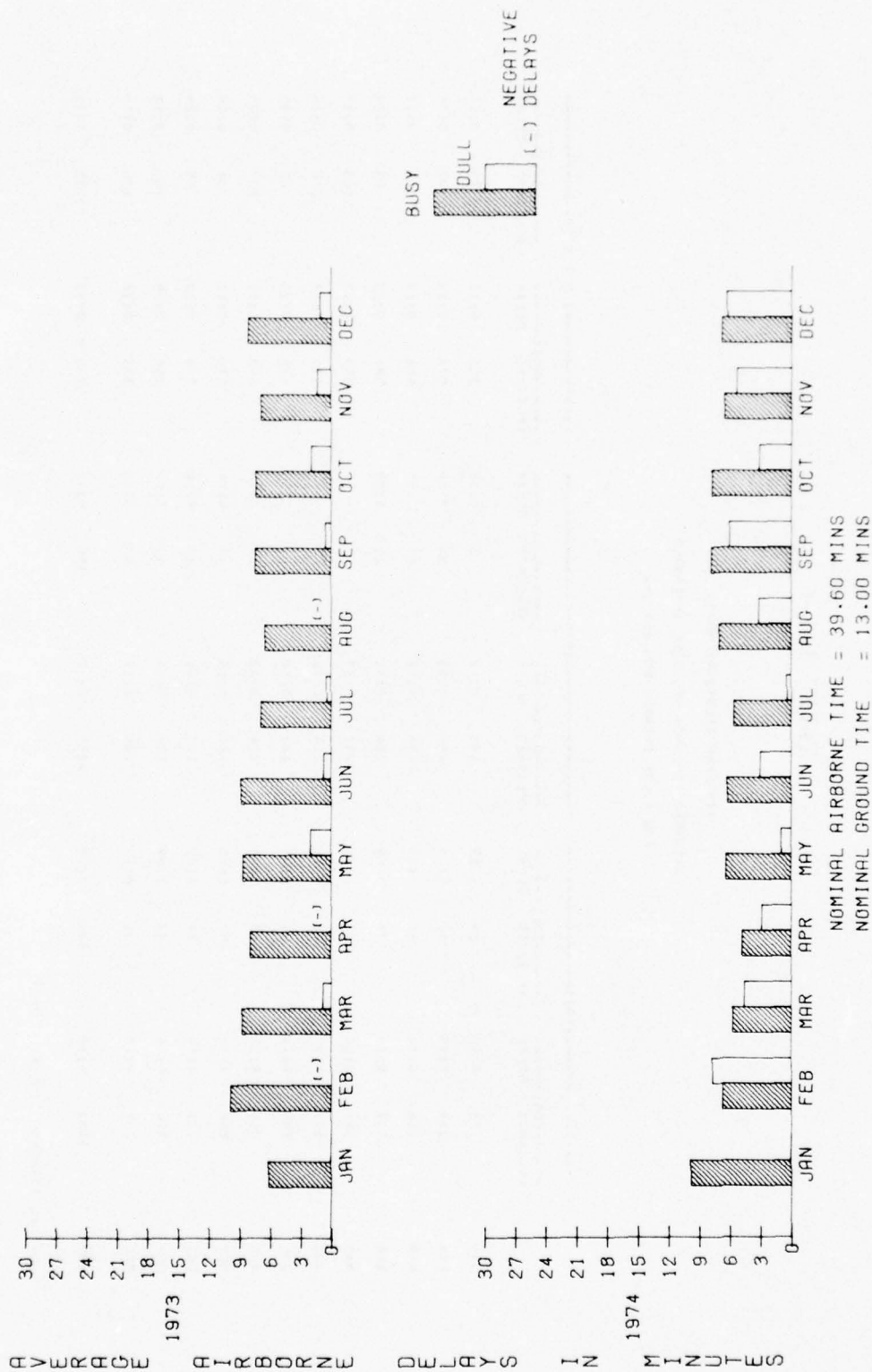


TABLE I-1-6

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT BOS >> JFK

	-----1973-----				-----1974-----				-----T O T A L-----			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	73	0:12	69	0:10	185	0:12	6	0:12	258	0:12	75	0:10
FEB	313	0:13	82	0:10	265	0:13	20	0:12	578	0:13	102	0:11
MAR	316	0:14	82	0:11	298	0:12	21	0:10	614	0:13	103	0:11
APR	307	0:13	73	0:09	284	0:11	21	0:09	591	0:12	94	0:09
MAY	341	0:14	103	0:13	211	0:13			552	0:13	103	0:13
JUN	327	0:17	102	0:16	210	0:16			537	0:17	102	0:16
JUL	296	0:14	81	0:08	182	0:12			478	0:13	81	0:08
AUG	406	0:11	83	0:08	236	0:12	44	0:10	642	0:11	127	0:09
SEP	289	0:10	59	0:08	181	0:13	44	0:11	470	0:11	103	0:09
OCT	211	0:10	31	0:07	163	0:11	48	0:10	374	0:10	79	0:09
NOV	274	0:09	33	0:08	176	0:10	72	0:12	450	0:09	105	0:11
DEC	249	0:12	31	0:10	146	0:12	80	0:11	395	0:12	111	0:11
TOTAL	3402	0:12	829	0:10	2537	0:12	356	0:11	5939	0:12	1185	0:11

NOMINAL AIRBORNE TIME = 0:29

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-6
ROUTE SEGMENT BOS TO JFK

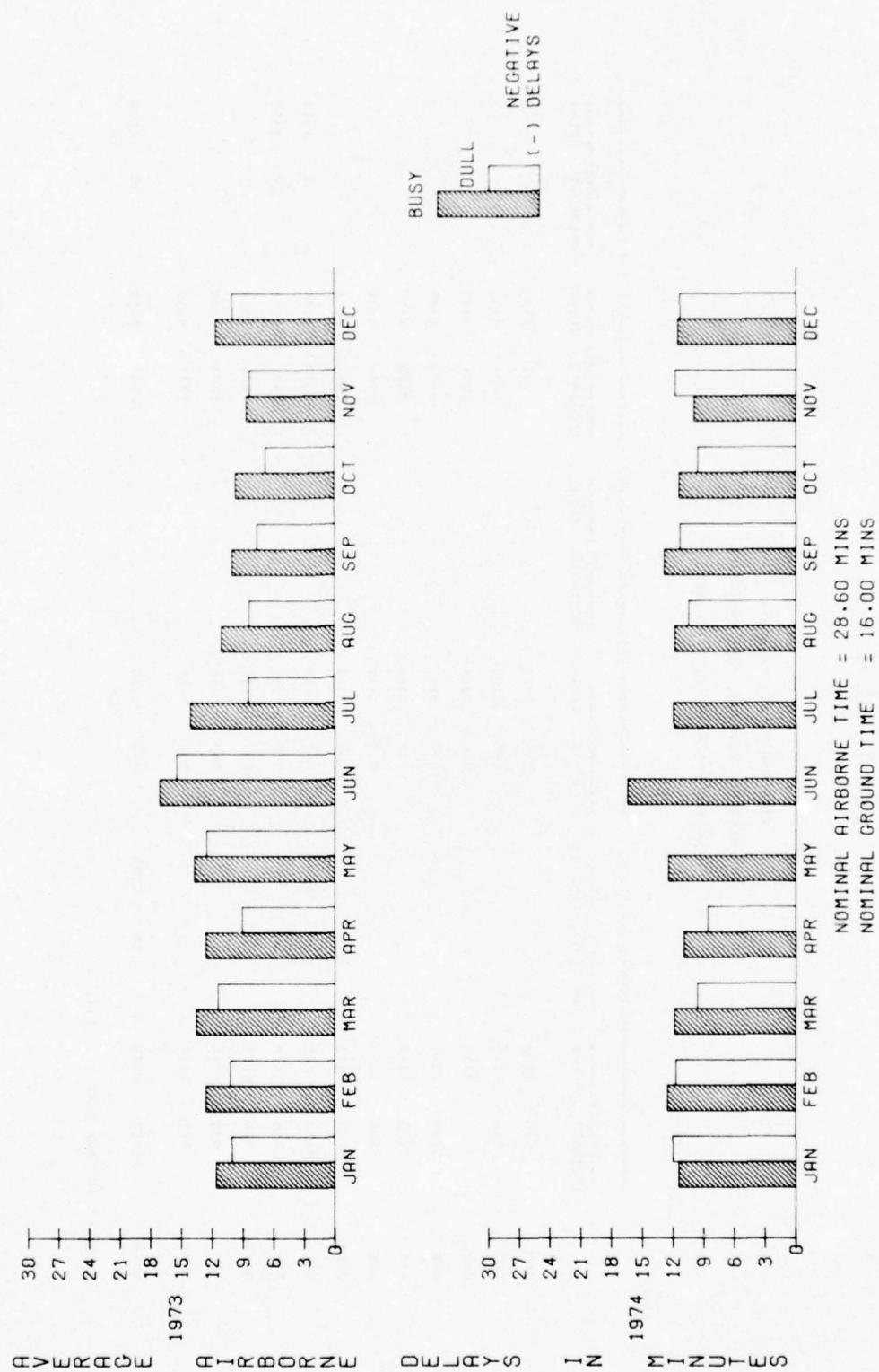


TABLE I-1-7

AIROBNE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT HUS >> LGA

	1973				1974				TOTAL			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	770	0:09			755	0:10			1525	0:10		
FEB	936	0:10			899	0:09			1835	0:10		
MAR	1017	0:13			1014	0:09			2031	0:11		
APR	1039	0:11			1040	0:07			2079	0:09		
MAY	1043	0:11			1032	0:08			2075	0:10		
JUN	845	0:09			947	0:10			1792	0:10		
JUL	777	0:07			856	0:10			1633	0:08		
AUG	1004	0:08	29	0:14	1068	0:10			2072	0:09	29	0:14
SEP	936	0:08	29	0:02	981	0:14			1917	0:11	29	0:02
OCT	959	0:07			1045	0:11			2004	0:09		
NOV	933	0:08			960	0:11			1893	0:09		
DEC	791	0:10			940	0:09			1731	0:09		
TOTAL	11050	0:09	58	0:08	11537	0:10			22587	0:10	58	0:08
NOMINAL AIROBNE TIME = 0:12												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-7
ROUTE SEGMENT BOS TO LGA

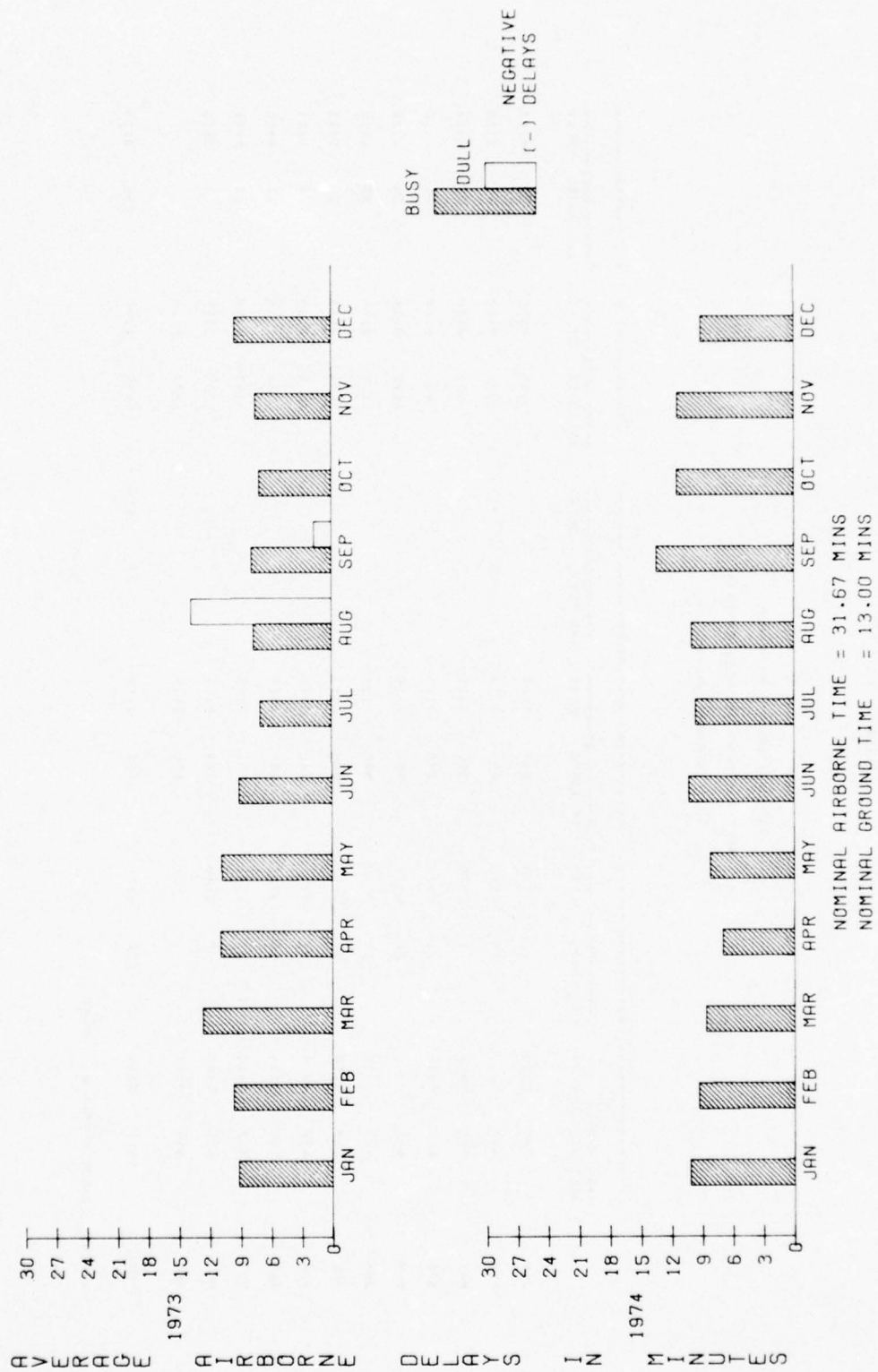


TABLE I-1-8

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT BOS ==> PHL

	1973-----				-----1974-----				-----1975-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	499	0:15	22	0:13	260	0:17			759	0:16	22	0:13
FEB	569	0:16	20	0:15	451	0:18	27	0:13	1020	0:17	47	0:14
MAR	616	0:16	21	0:14	306	0:15			922	0:16	21	0:14
APR	606	0:15	21	0:12	298	0:13			904	0:14	21	0:12
MAY	608	0:17	20	0:14	586	0:15			1194	0:16	20	0:14
JUN	605	0:18	20	0:12	590	0:14			1195	0:16	20	0:12
JUL	607	0:13	20	0:11	606	0:13			1213	0:13	20	0:11
AUG	632	0:14	22	0:11	793	0:15			1425	0:15	22	0:11
SEP	594	0:16	18	0:13	730	0:15			1324	0:16	18	0:13
OCT	392	0:15	23	0:11	751	0:13			1143	0:14	23	0:11
NOV	651	0:16	2	0:16	724	0:14			1375	0:15	2	0:16
DEC	518	0:19			686	0:14			1224	0:16		
TOTAL	6917	0:16	209	0:12	6761	0:15	27	0:13	13698	0:15	236	0:13
NOMINAL AIRBORNE TIME = 0:41												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-8
ROUTE SEGMENT BOS TO PHL

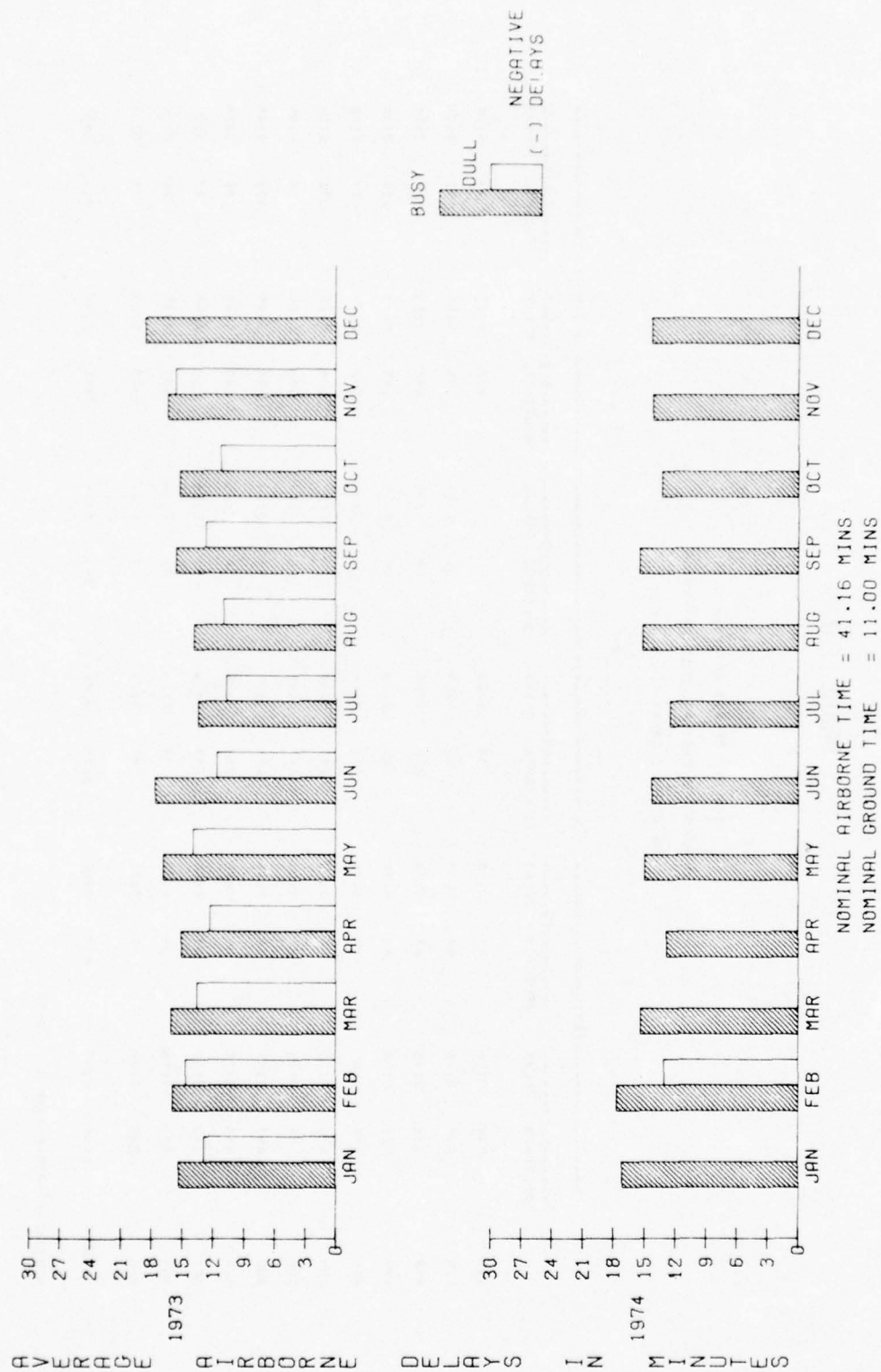


TABLE I-1-9

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSV VS. DULL INTERVALS
FOR ROUTE SEGMENT CLE => DTW

	1973				1974				TOTAL			
	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	449	0:06	43	0:06	38	0:04			487	0:05	43	0:06
FEB	439	0:06	58	0:06	266	0:05	41	0:06	705	0:06	99	0:06
MAR	427	0:05	67	0:05	270	0:05	48	0:07	697	0:05	115	0:06
APR	427	0:03	64	0:06	268	0:04	46	0:05	695	0:03	110	0:06
MAY	479	0:05	47	0:06	273	0:04	27	0:05	752	0:05	74	0:06
JUN	444	0:05	46	0:06	240	0:04	25	0:05	684	0:05	71	0:06
JUL	449	0:05	47	0:06	247	0:03	26	0:04	696	0:04	73	0:05
AUG	457	0:05	54	0:06	296	0:04	49	0:04	753	0:05	103	0:05
SEP	383	0:04	44	0:06	266	0:05	44	0:05	649	0:04	88	0:05
OCT	334	0:06	47	0:06	280	0:04	50	0:05	614	0:05	97	0:06
NOV	373	0:06	60	0:07	58	0:03	20	0:05	431	0:05	80	0:06
DEC	280	0:05	41	0:06	43	0:04	17	0:06	323	0:05	58	0:06
TOTAL	4941	0:05	618	0:06	2545	0:04	393	0:05	7486	0:05	1011	0:06

NOMINAL AIRBORNE TIME = 0:21

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-9

ROUTE SEGMENT CLE TO DTW



TABLE I-1-10

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR MONTH SEGMENT DCA ==> AUS

	1973				1974				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	141	0:05			366	0:05			507	0:05		
FEB	469	0:06			475	0:08			942	0:07		
MAR	521	0:06			504	0:06			1025	0:06		
APR	517	0:05			491	0:05			1008	0:05		
MAY	627	0:05			631	0:07			1258	0:06		
JUN	570	0:08			556	0:07			1126	0:07		
JUL	576	0:06			536	0:08			1112	0:07		
AUG	655	0:07			595	0:07			1248	0:07		
SEP	600	0:06			566	0:06			1166	0:06		
OCT	609	0:07			594	0:06			1203	0:07		
NOV	676	0:05			562	0:05			1238	0:05		
DEC	505	0:06			521	0:06			1026	0:06		
TOTAL	6466	0:06			6393	0:06			12859	0:06		

NOMINAL AIRBORNE TIME = 0:53

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-10
ROUTE SEGMENT DCA TO BOS

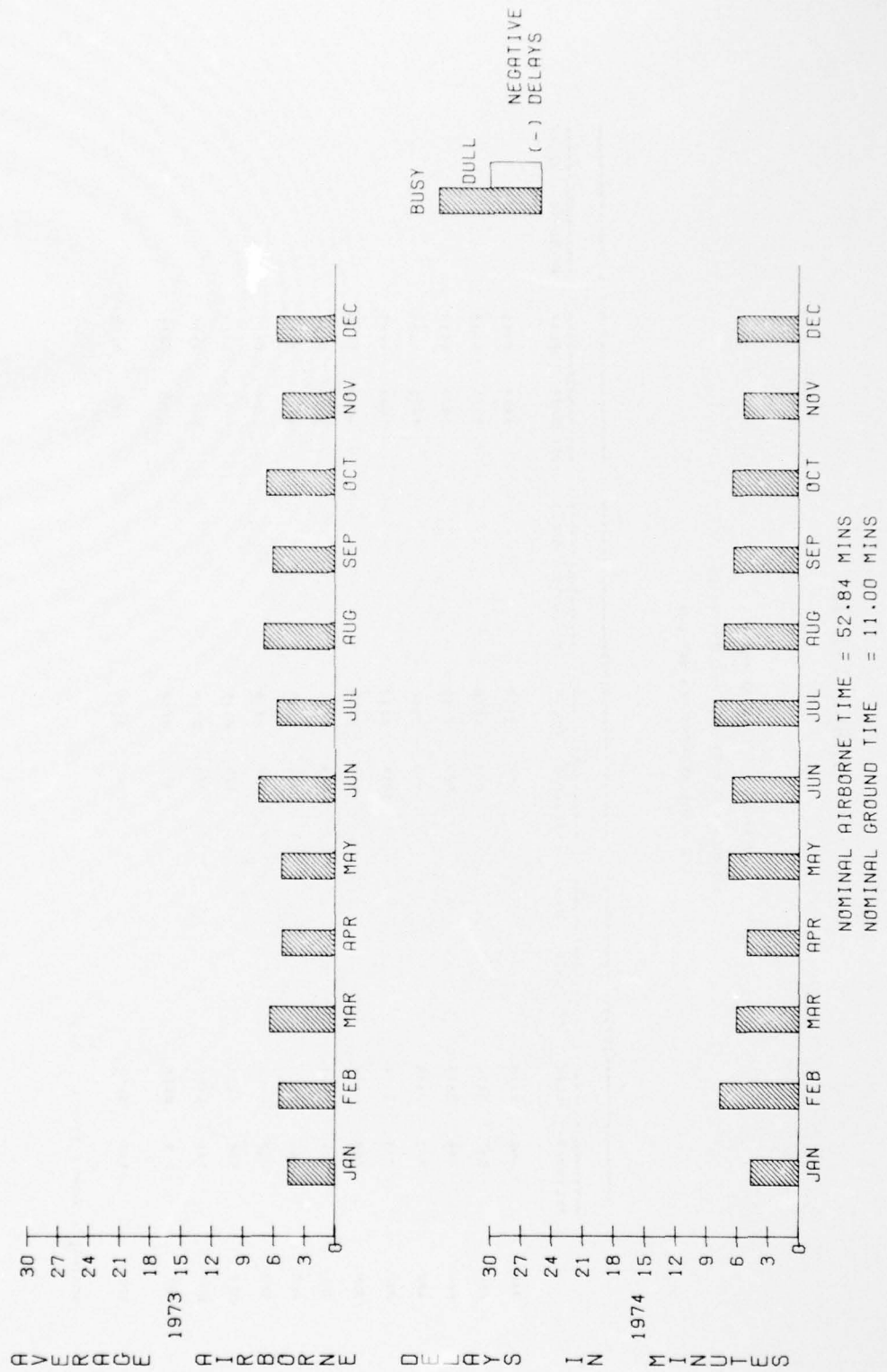


TABLE I-1-11

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR RUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT DCA ==> LGA

	-----1973-----			-----1974-----			-----TOTAL-----		
	---RUSY--- #FLIGHTS	---DELAY 0:13	---DULL #FLIGHTS	---RUSY--- #FLIGHTS	---DELAY 0:10	---DULL #FLIGHTS	---RUSY--- #FLIGHTS	---DELAY 0:11	---DULL #FLIGHTS
JAN	656	0:13		752	0:10		1408	0:11	
FEB	847	0:14		823	0:12		1670	0:13	
MAR	906	0:17		924	0:10		1830	0:14	
APR	947	0:15		956	0:11		1903	0:13	
MAY	973	0:14		1016	0:12		1989	0:13	
JUN	798	0:16		940	0:15		1738	0:15	
JUL	760	0:13		863	0:14		1623	0:14	
AUG	846	0:15		921	0:15		1767	0:15	
SEP	852	0:13		912	0:16		1764	0:15	
OCT	932	0:13		975	0:15		1907	0:14	
NOV	921	0:11		879	0:16		1800	0:13	
DEC	779	0:11		806	0:12		1585	0:11	
TOTAL	10307	0:14		10767	0:13		21074	0:14	

NOMINAL AIRBORNE TIME = 0:13

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-11
ROUTE SEGMENT DCA TO LGA

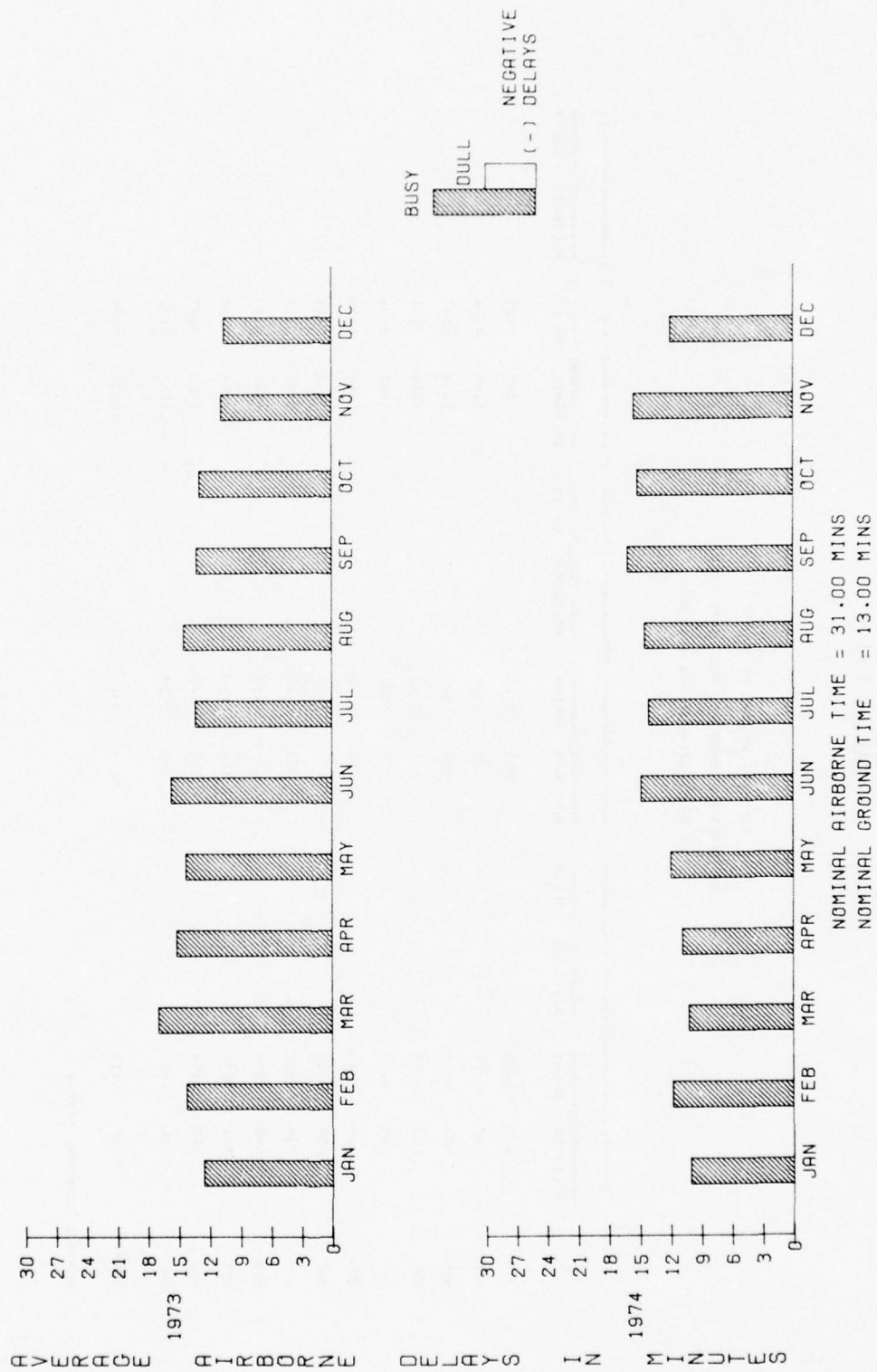


TABLE I-12

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT DCA ==> ORD

	-----1973-----				-----1974-----				-----T O T A L-----			
	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	525	0:23			258	0:23			783	0:23		
FEB	642	0:24			523	0:24			1165	0:24		
MAR	727	0:25			626	0:24			1353	0:24		
APR	724	0:17			611	0:18			1335	0:18		
MAY	749	0:15			238	0:20			987	0:16		
JUN	668	0:12			214	0:16			882	0:13		
JUL	658	0:13			205	0:14			863	0:13		
AUG	738	0:11			743	0:20			1481	0:15		
SEP	695	0:18			691	0:28			1386	0:23		
OCT	747	0:15			714	0:26			1461	0:20		
NOV	577	0:18			723	0:20			1300	0:19		
DEC	576	0:22			705	0:25			1281	0:22		
TOTAL	8026	0:17			6251	0:22			14277	0:20		

NOMINAL AIRBORNE TIME = 1:22

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-12
ROUTE SEGMENT DCA TO ORD

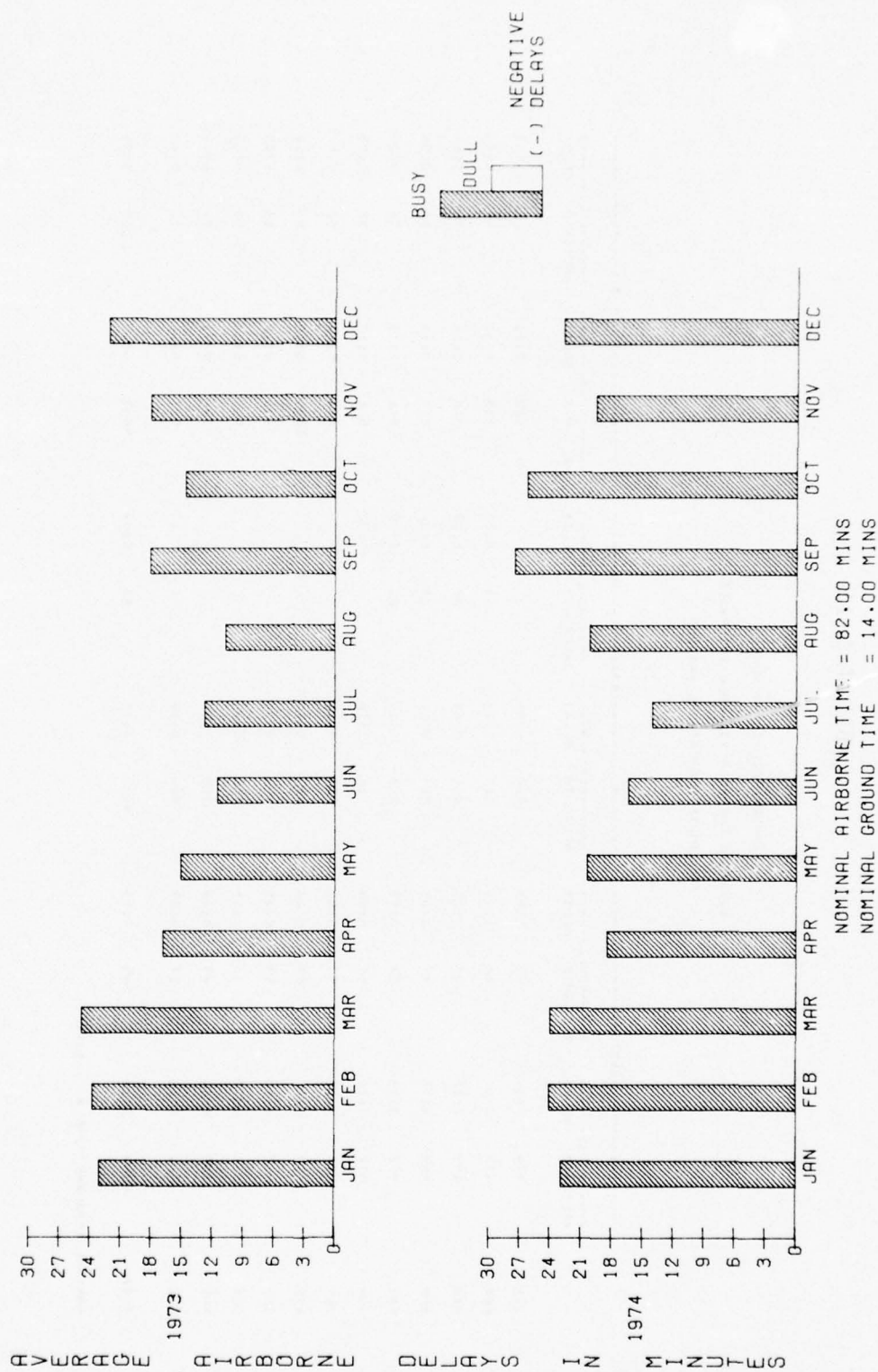


TABLE I-1-13

ALPHABETIC DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FIVE ROUTE SEGMENT DEL. DEF. (M)

	1973				1974				TOTAL			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	474	0:16	49	0:03	108	0:04	23	0:03	582	0:14	49	0:03
FEB	434	0:10	44	0:05	411	0:13	23	0:03	849	0:16	67	0:05
MAR	493	0:22	47	0:07	435	0:09	27	0:02	928	0:16	74	0:05
APR	464	0:13	47	0:08	413	0:11	21	0:02	877	0:12	68	0:06
MAY	492	0:13	53	0:05	124	0:10	21	0:02	616	0:13	74	0:05
JUN	470	0:11	50	0:05	118	0:14	1	0:00	588	0:12	51	0:05
JUL	490	0:12	52	0:04	123	0:12			613	0:12	52	0:04
AUG	518	0:11	83	0:06	485	0:19			1003	0:15	83	0:06
SEP	457	0:16	53	0:05	454	0:21			911	0:18	53	0:05
OCT	451	0:12	50	0:04	450	0:23			901	0:18	50	0:04
NOV	345	0:05	20	0:02	439	0:16			784	0:11	20	0:02
DEC	371	0:16	17	0:09	440	0:16			811	0:16	17	0:09
TOTAL	5463	0:14	565	0:05	4000	0:15	93	0:02	9463	0:15	658	0:05

NOMINAL ALPHABETIC TIME = 1:41

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-13
ROUTE SEGMENT DEN TO ORD

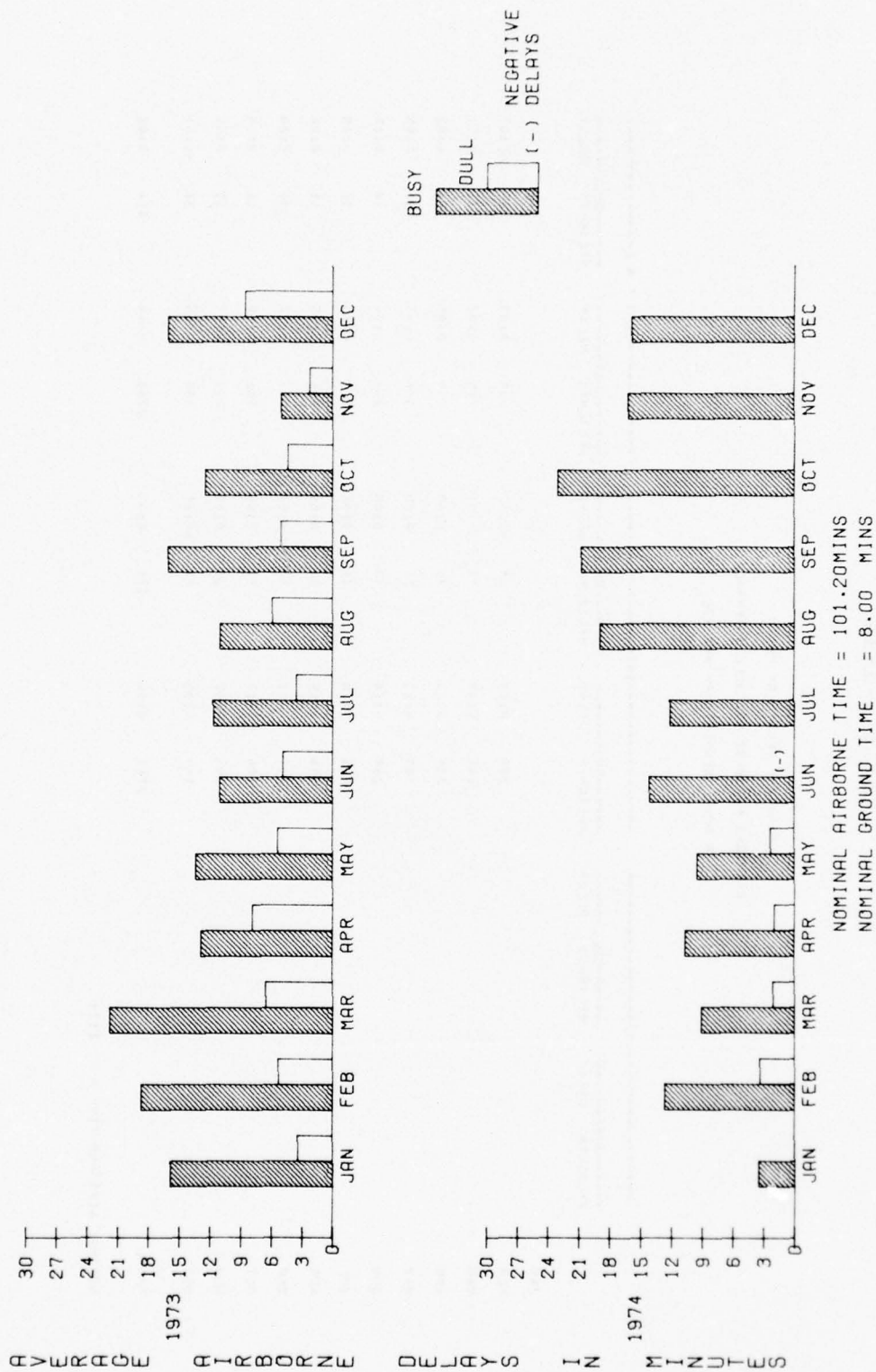


TABLE I-1-14

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT DFW ==> ATL

	-----1973-----			-----1974-----			-----T O T A L-----		
	----- #FLIGHTS -----	----- DELAY -----	----- DULL -----	----- #FLIGHTS -----	----- DELAY -----	----- DULL -----	----- #FLIGHTS -----	----- DELAY -----	----- DULL -----
JAN									
FEB									
MAR									
APR									
MAY									
JUN									
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
TOTAL									

NOMINAL AIRBORNE TIME = 1:27

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-14
ROUTE SEGMENT DFW TO ATL

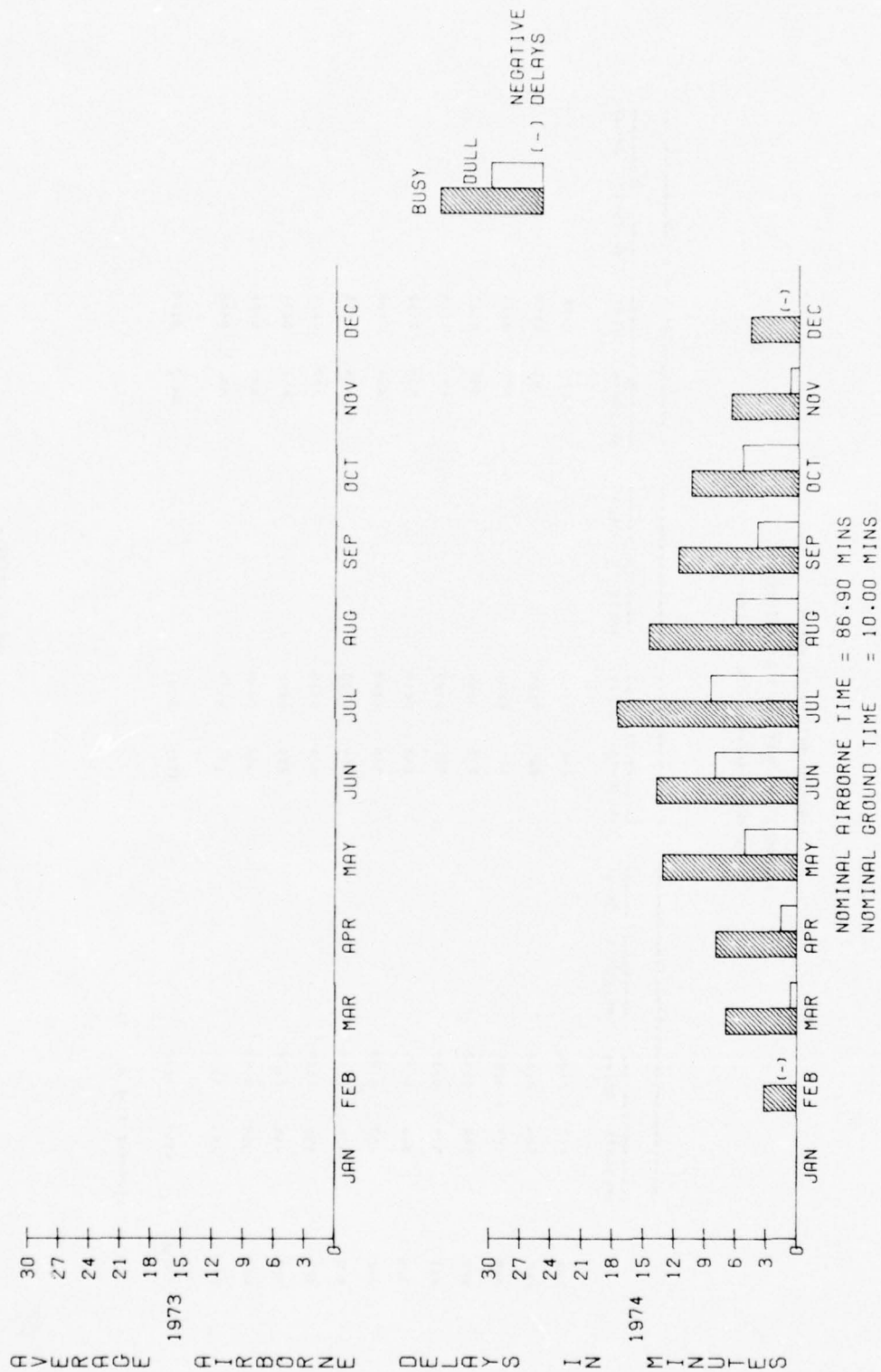


TABLE I-1-15

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SECTOR DTW ==> LGA

	1973				1974				TOTAL			
	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	BUSY DELAY	DULL DELAY	#FLIGHTS	DELAY
JAN	417	0:08			261	0:04			698	0:06		
FEB	524	0:11			269	0:05			793	0:09		
MAR	582	0:15			310	0:04			892	0:11		
APR	584	0:12			307	0:04			891	0:09		
MAY	579	0:11			312	0:07			891	0:10		
JUN	286	0:14			244	0:10			530	0:12		
JUL	247	0:08			176	0:04			463	0:06		
AUG	516	0:11			319	0:12			835	0:11		
SEP	456	0:08			226	0:15			682	0:10		
OCT	445	0:08			211	0:10			656	0:09		
NOV	369	0:05			302	0:09			671	0:06		
DEC	265	0:06			195	0:07			460	0:06		
TOTAL	5310	0:10			3152	0:07			8462	0:09		
NOMINAL AIRBORNE TIME = 1:04												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-15
ROUTE SEGMENT DTW TO LGA

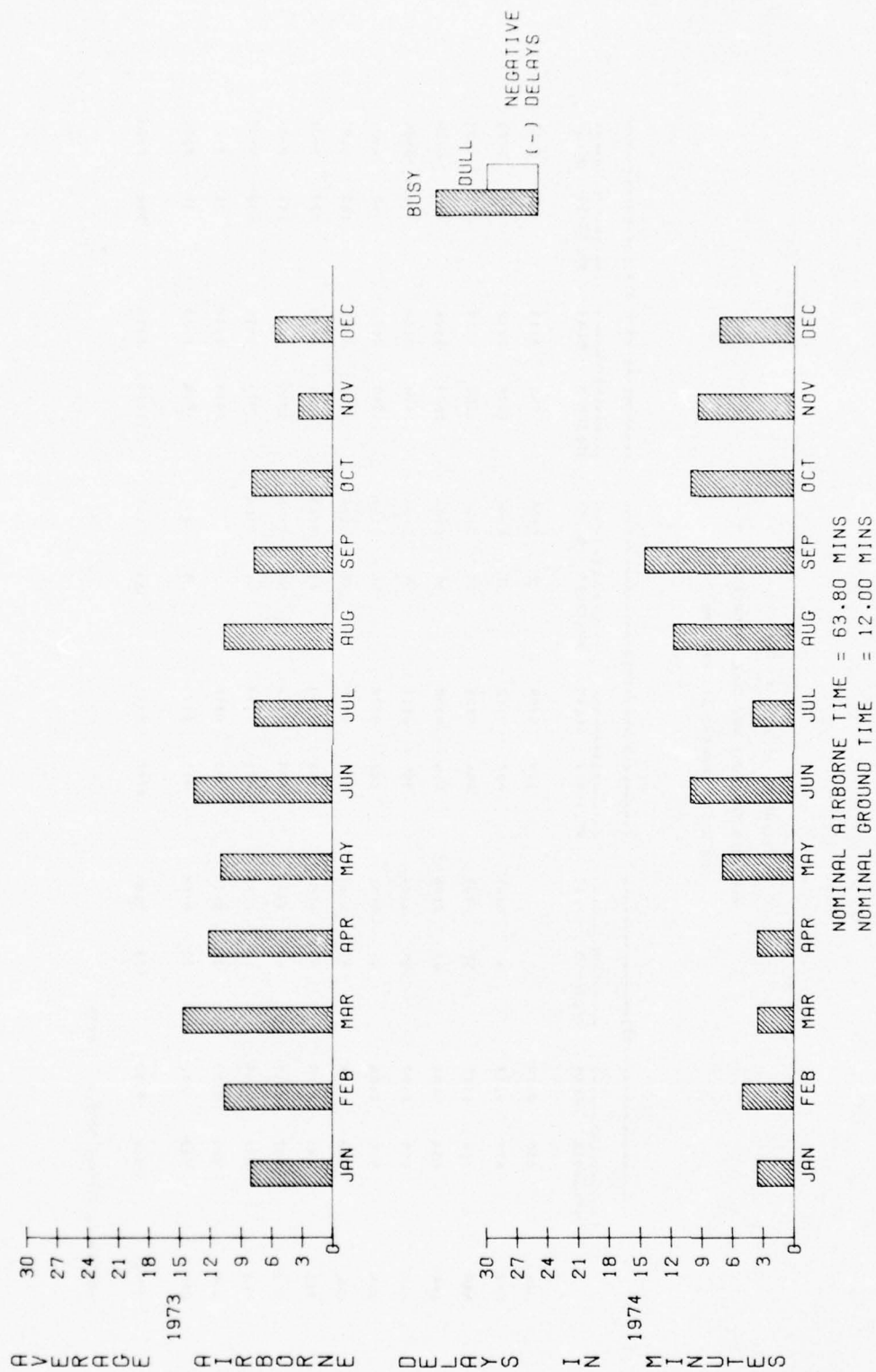


TABLE I-1-16

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT DTW ==> ORD

	1973				1974				T T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	430	0:14			120	0:09	3	0:05	550	0:13	3	0:05
FEB	674	0:13	58	0:05	407	0:12	31	0:04	1081	0:12	89	0:05
MAR	700	0:17	57	0:07	456	0:11	35	0:07	1156	0:14	92	0:07
APR	634	0:08	62	0:06	445	0:08	30	0:04	1079	0:08	92	0:05
MAY	739	0:07	59	0:04	355	0:11	35	0:04	1094	0:08	94	0:04
JUN	525	0:06	56	0:01	242	0:09	34	0:04	767	0:07	90	0:02
JUL	502	0:08	65	0:01	206	0:09	35	0:04	708	0:08	100	0:02
AUG	690	0:05	61	0:01	652	0:13	62	0:03	1342	0:09	123	0:02
SEP	557	0:11	65	0:04	508	0:14	50	0:06	1065	0:13	115	0:04
OCT	499	0:09	57	0:04	471	0:13	45	0:06	970	0:11	102	0:05
NOV	564	0:09	31	0:05	480	0:10			1044	0:10	31	0:05
DEC	542	0:12	32	0:04	403	0:11	3	0:03	945	0:11	35	0:04
TOTAL	7056	0:10	603	0:04	4745	0:11	363	0:05	11800	0:10	966	0:04

NOMINAL AIRBORNE TIME = 0:19

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-16

ROUTE SEGMENT DTW TO ORD

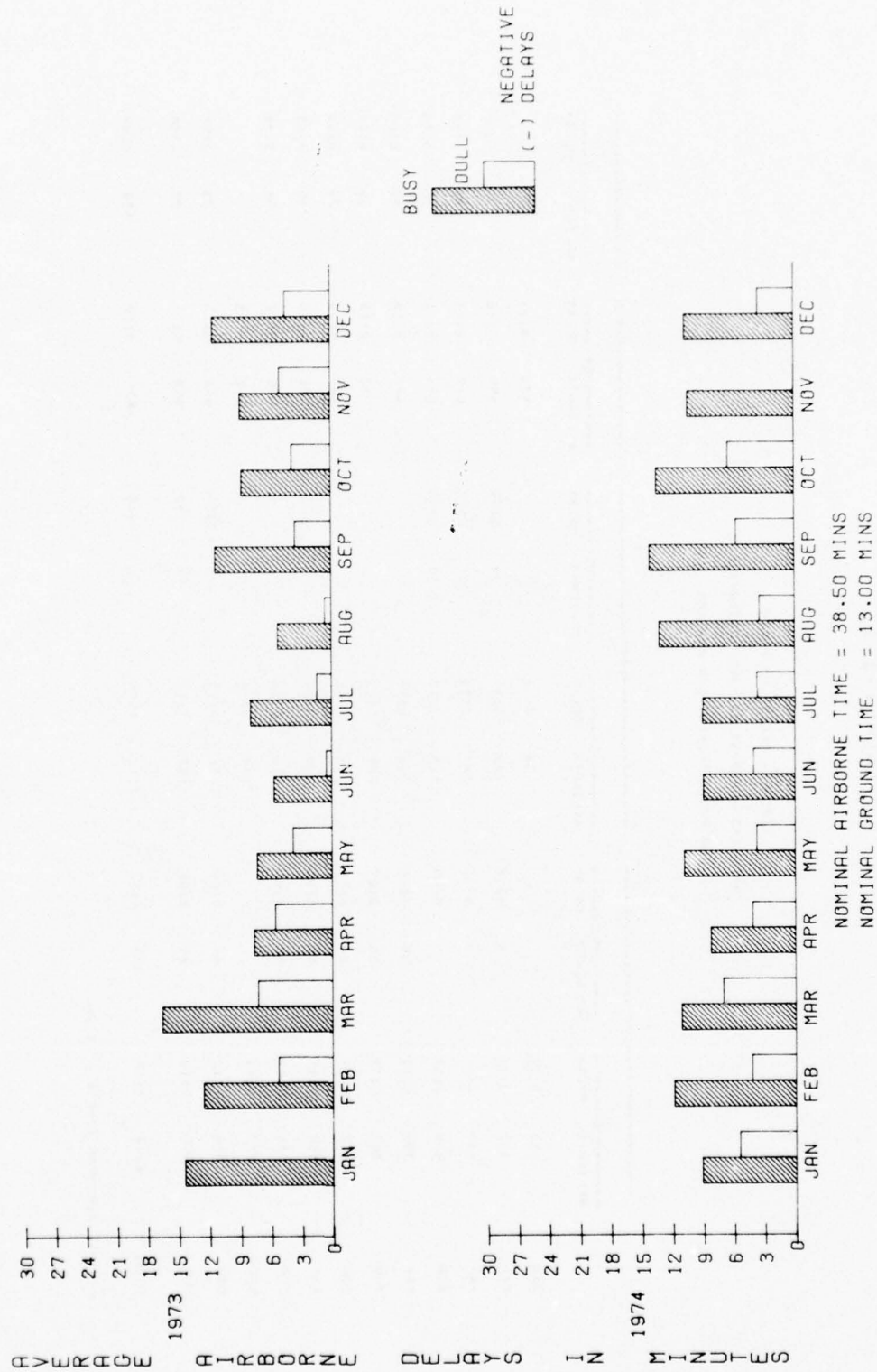


TABLE I-1.17

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT FWR >>> BOS

	1973				1974				T O T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	517	0:11			56	0:08			573	0:11		
FEB	397	0:11	4	0:10	162	0:15	27	0:09	559	0:12	31	0:09
MAR	442	0:10	4	0:11	177	0:13	31	0:08	619	0:11	35	0:08
APR	444	0:11	5	0:09	175	0:12	30	0:09	619	0:11	35	0:09
MAY	394	0:11	40	0:08	230	0:12			624	0:12	90	0:08
JUN	367	0:13	56	0:09	225	0:13			592	0:13	56	0:09
JUL	342	0:13	24	0:10	198	0:14			540	0:13	29	0:10
AUG	355	0:13	90	0:07	224	0:15			584	0:14	90	0:07
SEP	335	0:12	58	0:06	170	0:13			505	0:12	58	0:06
OCT	377	0:13			177	0:13			554	0:13		
NOV	379	0:12	59	0:07	221	0:13	24	0:09	600	0:13	83	0:08
DEC	300	0:10	25	0:08	152	0:13	2	0:12	452	0:11	27	0:08
TOTAL	4649	0:12	420	0:07	2172	0:13	114	0:09	6821	0:12	534	0:08

NOMINAL AIRBORNE TIME = 0:26

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-17

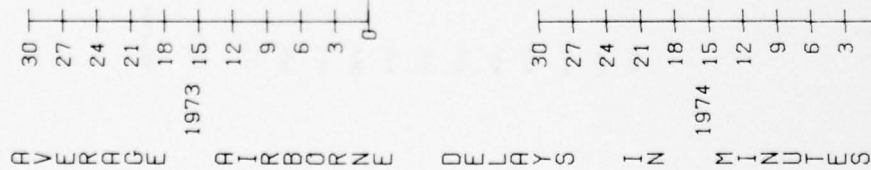


TABLE I-1-18

ALPHHONE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT FWP ==> ORD

	1973-----				1974-----				T O T A L-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	405	0:29	62	0:18	98	0:36			503	0:30	62	0:18
FEB	439	0:25	54	0:14	315	0:28	19	0:20	754	0:26	73	0:16
MAR	489	0:30	48	0:16	353	0:32	22	0:24	842	0:31	70	0:18
APR	420	0:19	40	0:12	348	0:23	21	0:14	768	0:21	61	0:13
MAY	463	0:17	43	0:12	129	0:24			592	0:19	43	0:12
JUN	279	0:16	43	0:10	119	0:18			398	0:16	43	0:10
JUL	286	0:18	41	0:15	117	0:19			403	0:19	41	0:15
AUG	479	0:14	46	0:10	363	0:28	22	0:13	842	0:20	68	0:11
SEP	357	0:25	39	0:15	314	0:37	19	0:16	671	0:31	58	0:15
OCT	307	0:18	44	0:12	305	0:32	22	0:16	612	0:25	66	0:14
NOV	242	0:26	42	0:21	347	0:24	20	0:17	589	0:25	62	0:19
DEC	254	0:27	36	0:18	310	0:29	18	0:20	564	0:28	54	0:18
TOTAL	4420	0:22	538	0:14	3118	0:28	163	0:17	7538	0:25	701	0:15

NOMINAL ALPHHONE TIME = 1:32

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-18
ROUTE SEGMENT EWR TO ORD

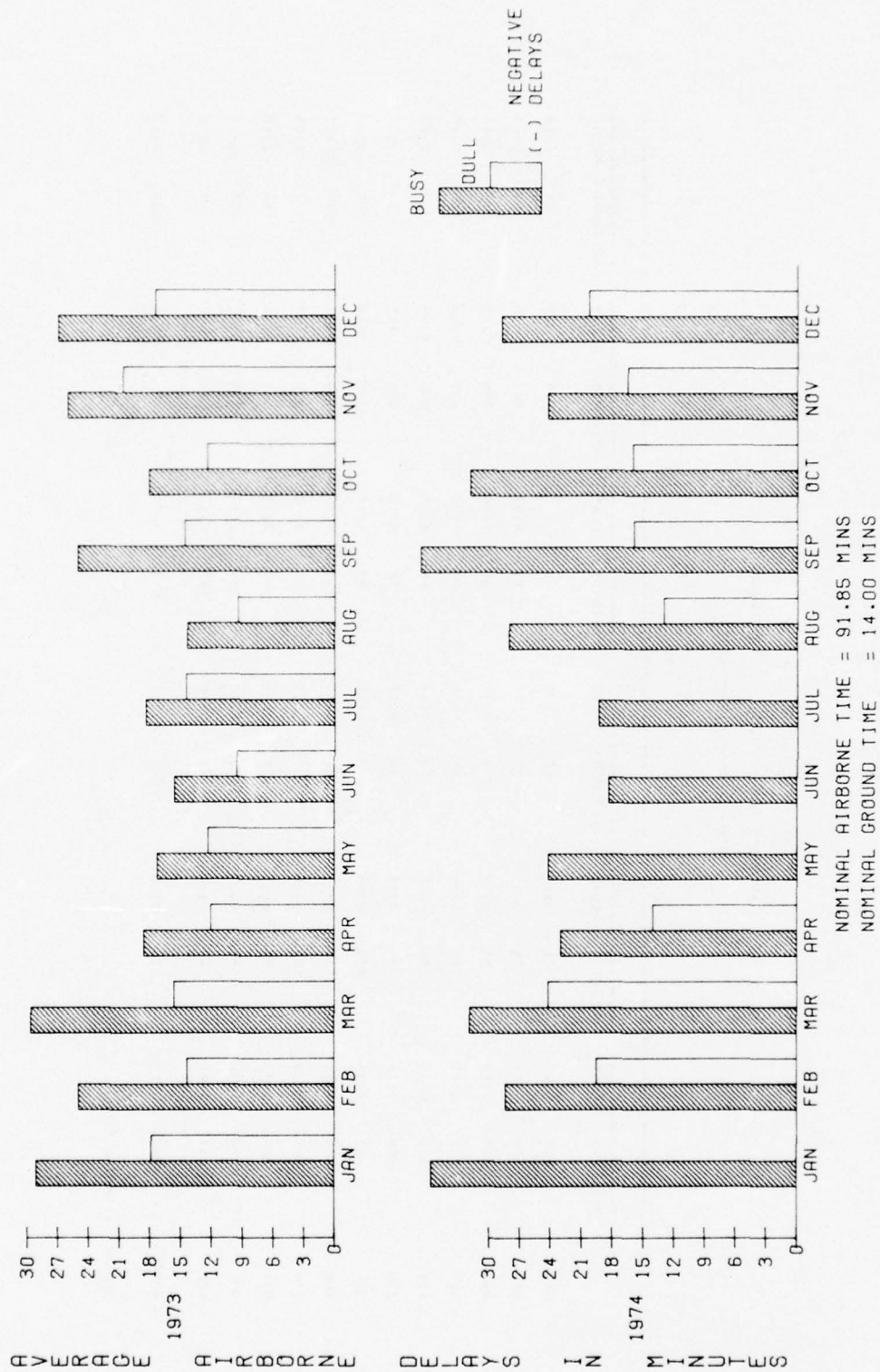


TABLE I-1-19

AIRPHONE DELAYS BY MONTH
AVERAGES FOR RUSY VS. DULL INTERVALS
FOR MONTH SEGMENT JFK ==> RUS

	1973				1974				T O T A L			
	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	148	0:15	21	0:12	67	0:14			215	0:15	21	0:12
FEB	220	0:13	74	0:15	187	0:17	25	0:07	407	0:15	99	0:13
MAR	247	0:12	83	0:12	203	0:13	30	0:08	450	0:13	113	0:11
APR	241	0:12	80	0:11	170	0:15	29	0:09	401	0:13	109	0:11
MAY	333	0:13	106	0:08	124	0:14	66	0:09	457	0:13	172	0:08
JUN	289	0:16	99	0:10	104	0:12	78	0:10	393	0:15	177	0:10
JUL	229	0:15	105	0:09	76	0:11	86	0:12	305	0:14	191	0:10
AUG	344	0:14	162	0:10	201	0:15	117	0:12	545	0:14	279	0:11
SEP	301	0:13	106	0:08	127	0:13	85	0:12	428	0:13	191	0:09
OCT	289	0:13	78	0:10	118	0:12	88	0:10	407	0:13	166	0:10
NOV	225	0:12	92	0:10	173	0:12	158	0:13	398	0:12	230	0:12
DEC	137	0:11	29	0:08	112	0:12	128	0:13	249	0:12	157	0:12
TOTAL	2993	0:13	1035	0:10	1662	0:13	870	0:11	4655	0:13	1905	0:11

NOMINAL AIRPHONE TIME = 0:21

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-19
ROUTE SEGMENT JFK TO BOS

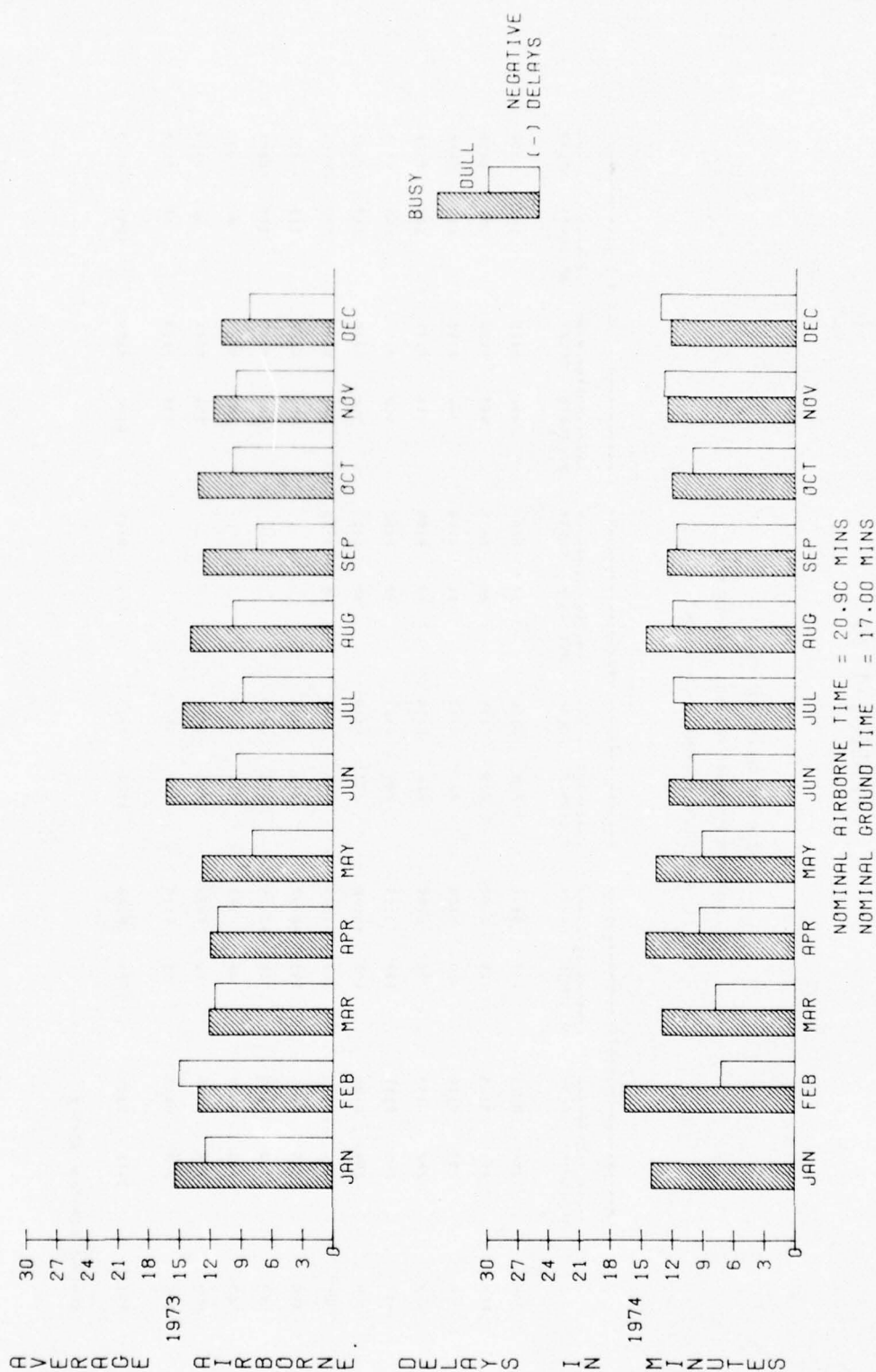


TABLE I-1-20

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT JFM ==> MIA

	1973		1974		T O T A L	
	HUSY #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY
JAN	216	0:15	228	0:14	444	0:15
FEB	277	0:13	235	0:15	512	0:14
MAR	299	0:10	267	0:13	566	0:11
APR	287	0:12	246	0:10	533	0:11
MAY	298	0:11	264	0:07	562	0:09
JUN	299	0:06	257	0:10	556	0:08
JUL	336	0:02	237	0:04	573	0:03
AUG	369	0:05	216	0:06	585	0:06
SEP	304	0:03	203	0:08	507	0:05
OCT	272	0:08	211	0:08	483	0:08
NOV	253	0:10	198	0:12	451	0:11
DEC	208	0:15	211	0:13	419	0:14
TOTAL	3418	0:09	2773	0:10	6191	0:09
			203	0:05	1294	0:03

NOMINAL AIRBORNE TIME = 2:14

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-20
ROUTE SEGMENT JFK TO MIA

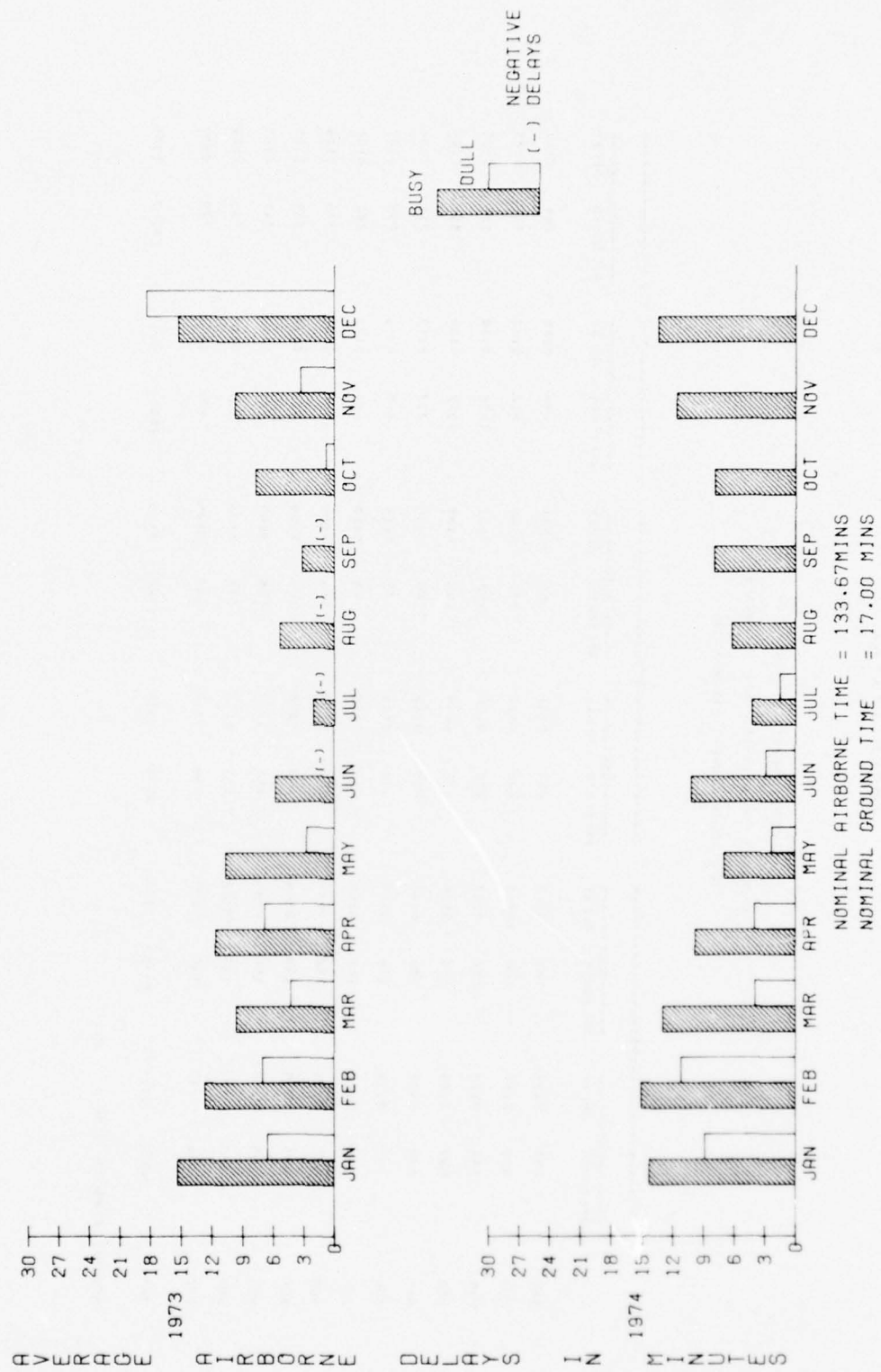


TABLE I-1-21

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LAX EED ORO

	1973			1974			TOTAL		
	#FLIGHTS	DELAY	DULL	#FLIGHTS	DELAY	DULL	#FLIGHTS	DELAY	DULL
JAN	499	0:13	181	200	0:01	80	699	0:10	261
FEB	492	0:11	168	420	0:11	170	912	0:11	338
MAR	553	0:18	162	477	0:09	182	1030	0:14	364
APR	547	0:09	181	475	0:09	158	1022	0:09	339
MAY	503	0:11	186	214	0:12	84	717	0:12	270
JUN	488	0:10	176	160	0:13	79	648	0:11	255
JUL	499	0:10	188	181	0:14	83	680	0:11	271
AUG	535	0:11	192	550	0:19	186	1085	0:15	378
SEP	481	0:15	159	457	0:22	176	938	0:18	335
OCT	468	0:10	154	453	0:24	168	921	0:17	342
NOV	400	-0:01	133	457	0:15	172	857	0:07	305
DEC	436	0:14	155	456	0:14	164	892	0:14	299
TOTAL	5901	0:11	2035	4520	0:14	1722	10421	0:13	3757

NOMINAL AIRBORNE TIME = 3:14

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-21
ROUTE SEGMENT LAX TO ORD

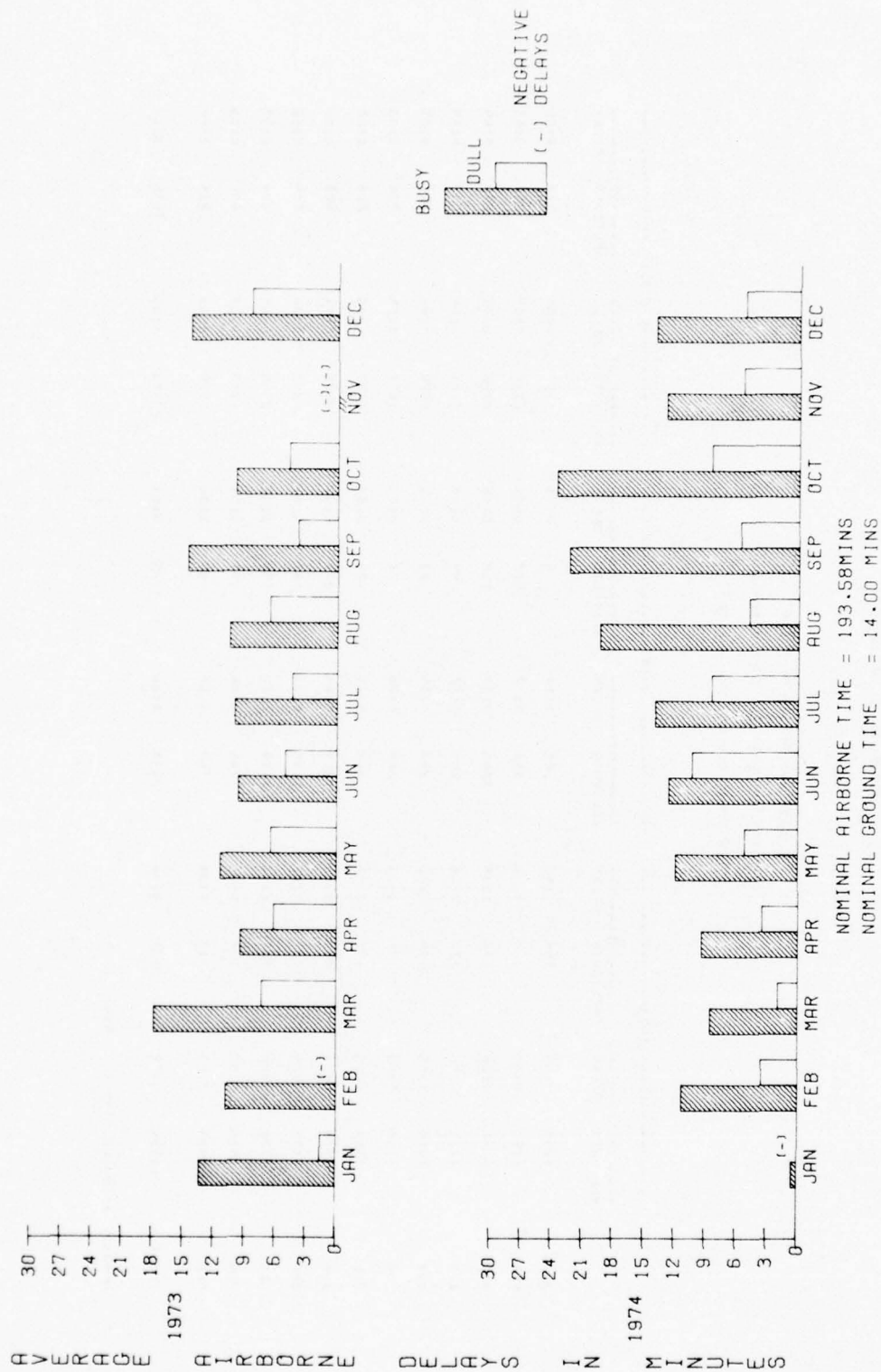


TABLE I-1-22

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LAX ==> SFO

	1973				1974				T O T A L			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	1258	0:08	168	0:06	40	0:10	6	0:13	1298	0:08	174	0:06
FEB	1150	0:08	164	0:04	988	0:07	128	0:05	2138	0:07	292	0:04
MAR	1268	0:08	178	0:05	1000	0:07	118	0:05	2268	0:07	296	0:05
APR	1221	0:06	170	0:04	940	0:07	99	0:04	2161	0:06	269	0:04
MAY	1319	0:03	199	0:03	280	0:05	25	0:03	1599	0:04	221	0:03
JUN	1168	0:03	198	0:03	269	0:05	26	0:03	1437	0:03	224	0:03
JUL	1160	0:03	191	0:02	267	0:04	25	0:03	1427	0:03	216	0:03
AUG	1300	0:03	210	0:03	1305	0:05	213	0:02	2605	0:04	423	0:02
SEP	1175	0:05	171	0:02	1165	0:04	147	0:01	2340	0:04	318	0:02
OCT	1176	0:06	162	0:04	1179	0:04	138	0:02	2355	0:05	300	0:03
NOV	968	0:08	103	0:06	745	0:06	103	0:04	1713	0:07	206	0:05
DEC	964	0:07	117	0:06	760	0:08	99	0:06	1724	0:08	216	0:06
TOTAL	14126	0:05	2031	0:04	8938	0:06	1125	0:03	23064	0:06	3156	0:04

NOMINAL AIRBORNE TIME = 0:46

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-22
ROUTE SEGMENT LAX TO SFO



TABLE I-1-23

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LGA ==> HUS

	1973				1974				T O T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	829	0:05			773	0:06			1602	0:06		
FEB	921	0:06	52	0:09	848	0:08	24	0:04	1769	0:07	80	0:07
MAR	998	0:06	55	0:11	991	0:06	31	0:05	1989	0:06	86	0:09
APR	1012	0:06	54	0:08	1004	0:06	30	0:03	2016	0:06	84	0:06
MAY	1036	0:07	29	0:00	974	0:06	31	0:02	2010	0:06	60	0:01
JUN	849	0:08	26	0:02	884	0:07	30	0:02	1733	0:07	56	0:02
JUL	780	0:07	28	0:00	786	0:07			1566	0:07	28	0:00
AUG	1014	0:08	31	0:02	954	0:08	31	-0:01	1968	0:08	62	0:00
SEP	885	0:06	29	-0:02	806	0:07	30	-0:01	1691	0:07	59	-0:01
OCT	861	0:08	30	0:02	845	0:06			1706	0:07	30	0:02
NOV	980	0:07	20	-0:03	873	0:07			1853	0:07	20	-0:03
DEC	830	0:06	2	0:01	837	0:07			1667	0:06	2	0:01
TOTAL	10995	0:07	556	0:04	10575	0:07	211	0:02	21570	0:07	567	0:04

NOMINAL AIRBORNE TIME = 0:28

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-23

ROUTE SEGMENT LGA TO BOS

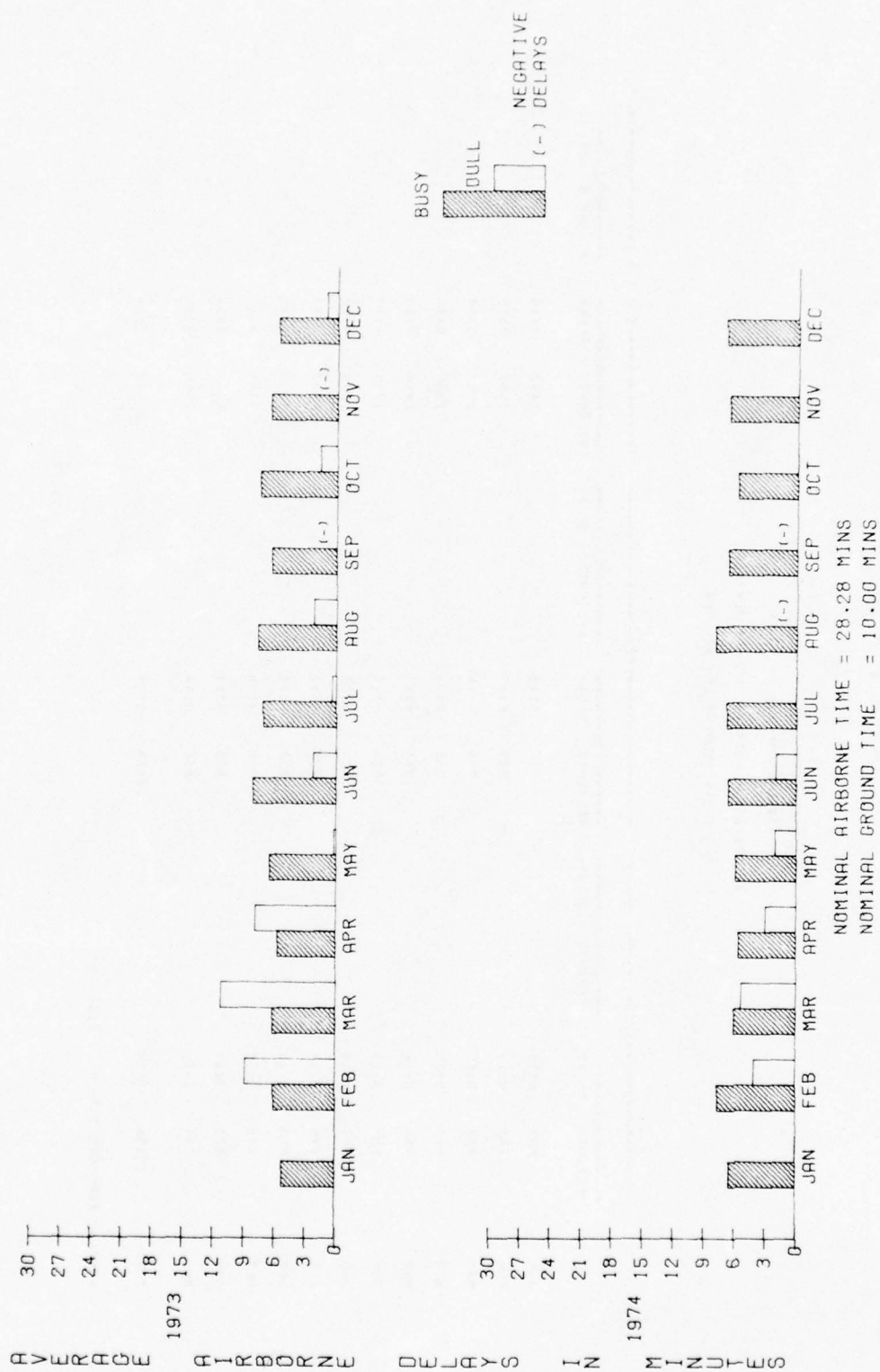


TABLE I-1-24

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LGA >>> DCA

	1973				1974				T T A			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	685	0:14			777	0:15			1462	0:15		
FEB	788	0:16			809	0:15			1597	0:15		
MAR	922	0:15			935	0:14			1857	0:14		
APR	868	0:15			968	0:15			1836	0:14		
MAY	967	0:16			991	0:15			1958	0:14		
JUN	824	0:14			901	0:15			1725	0:15		
JUL	790	0:15			824	0:11			1614	0:12		
AUG	875	0:15			927	0:12			1802	0:15		
SEP	853	0:14			872	0:18			1725	0:16		
OCT	878	0:14			918	0:16			1796	0:15		
NOV	871	0:14			873	0:14			1744	0:14		
DEC	735	0:16			831	0:14			1566	0:15		
TOTAL	10056	0:15			10626	0:14			20682	0:14		
NOMINAL AIRBORNE TIME - 0:31												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-24
ROUTE SEGMENT LGA TO DCA

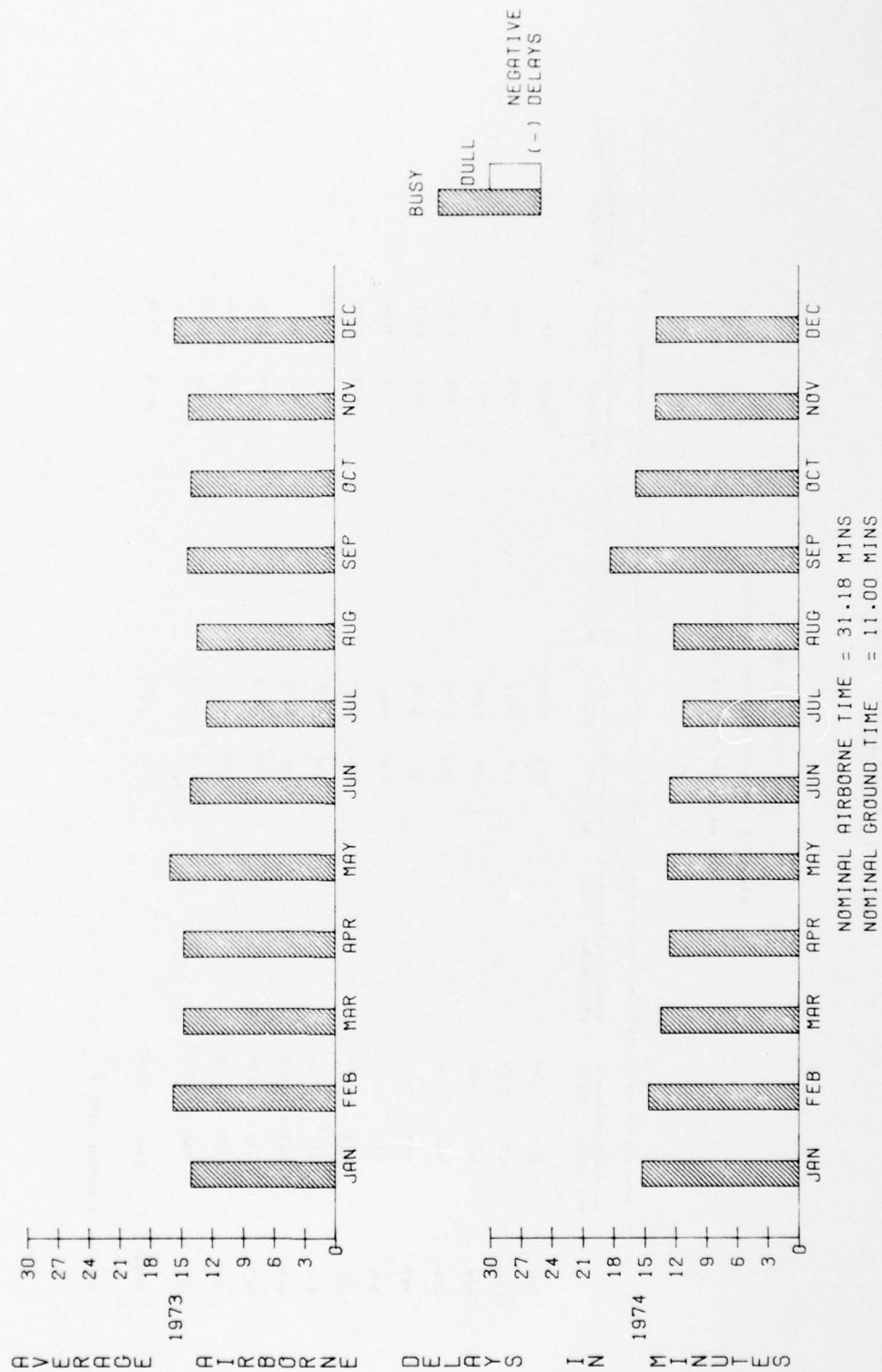


TABLE I-1-25

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LGA ==> DTW

	1973				1974				T O T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	397	0:09			232	0:08			629	0:09		
FEB	535	0:08			268	0:06			803	0:07		
MAR	587	0:09			306	0:08			893	0:09		
APR	582	0:04			303	0:03			885	0:03		
MAY	580	0:04			313	0:05			893	0:04		
JUN	318	0:03			299	0:01			617	0:02		
JUL	323	0:02			306	0:07			629	0:05		
AUG	531	0:03			319	0:01			850	0:01		
SEP	461	0:02			280	0:04			741	0:03		
OCT	432	0:04			288	0:03			720	0:03		
NOV	370	0:04			302	0:05			672	0:05		
DEC	266	0:04			248	0:08			514	0:06		
TOTAL	5382	0:05			3464	0:05			8446	0:05		
NOMINAL AIRBORNE TIME = 1:14												

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-25
ROUTE SEGMENT LGA TO DTW



TABLE I-1-26

AIRBORNE DELAYS BY MONTH
AVERAGES FOR RUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT LGA ==> ORD

	1973		1974		T A L	
	RUSY #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY
JAN	864	0:29	290	0:50	1154	0:29
FEB	913	0:27	680	0:29	1593	0:28
MAR	1018	0:30	797	0:33	1815	0:31
APR	981	0:19	797	0:24	1778	0:22
MAY	1063	0:19	362	0:26	1425	0:21
JUN	984	0:16	349	0:20	1333	0:17
JUL	1011	0:18	369	0:19	1380	0:19
AUG	1077	0:14	914	0:27	1991	0:20
SEP	988	0:24	842	0:35	1830	0:29
OCT	1002	0:20	866	0:32	1868	0:25
NOV	530	0:25	840	0:26	1370	0:26
DEC	556	0:28	852	0:50	1408	0:29
TOTAL	10987	0:22	7958	0:28	18945	0:25

NOMINAL AIRBORNE TIME # 1:51

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-26
ROUTE SEGMENT LGA TO ORD

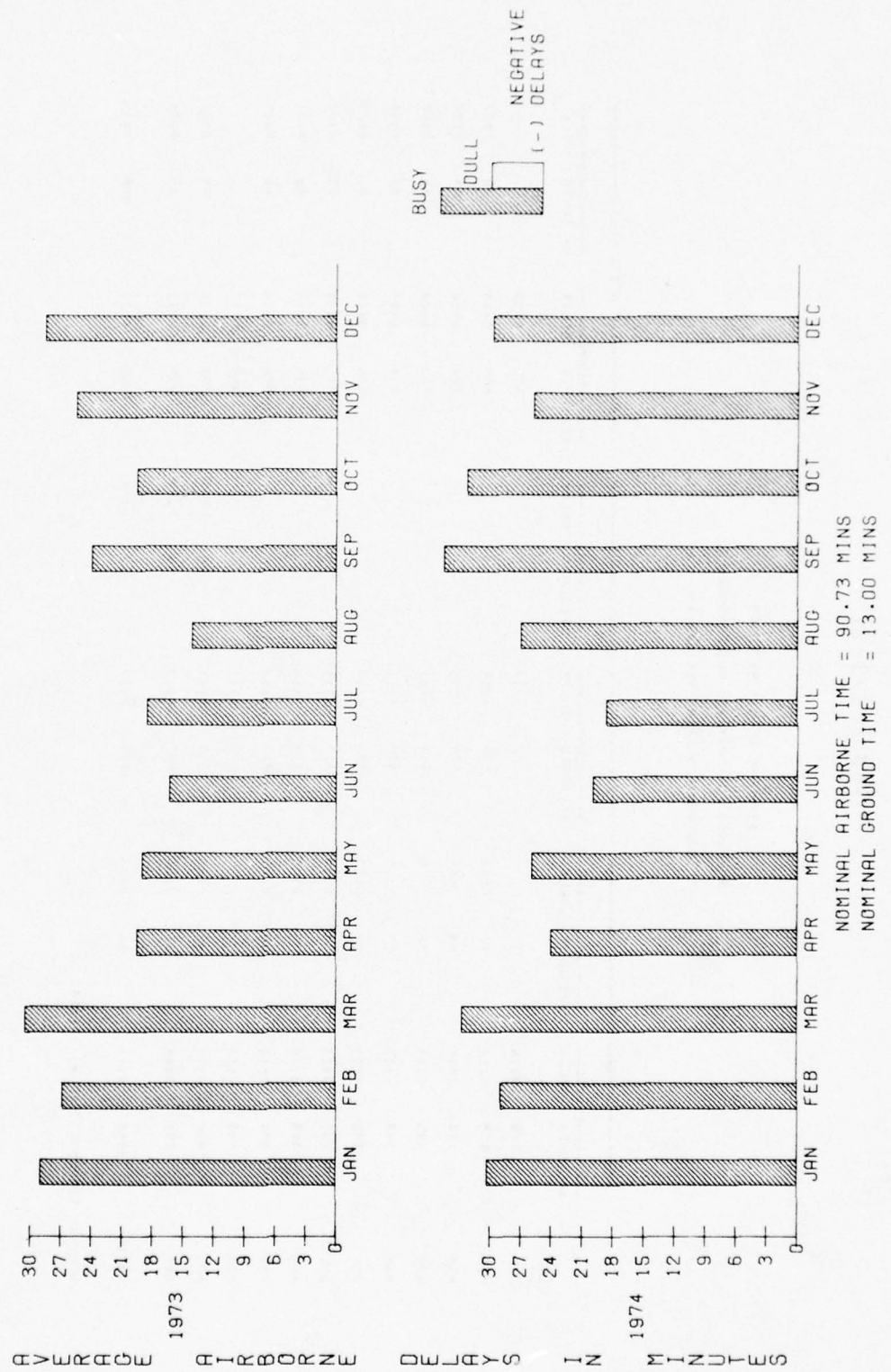


TABLE I-1-27

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMT WIA >>> ATL

	1973				1974				TOTAL			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	120	0:14			72	0:17			192	0:15		
FEB	352	0:12	72	0:07	555	0:13			687	0:13	72	0:07
MAR	374	0:15	85	0:09	370	0:12			744	0:14	83	0:09
APR	545	0:11	74	0:08	359	0:12			704	0:12	78	0:08
MAY	393	0:12	80	0:06	535	0:11			728	0:11	80	0:06
JUN	388	0:11	81	0:03	298	0:10			686	0:11	81	0:03
JUL	247	0:10	75	0:01	508	0:11			555	0:11	73	0:01
AUG	403	0:10	86	0:01	432	0:10			855	0:10	86	0:01
SEP	324	0:14	46	0:05	262	0:12			586	0:13	46	0:05
OCT	353	0:10			246	0:11			594	0:10		
NOV	400	0:10	46	0:05	351	0:11	28	0:02	751	0:10	74	0:04
DEC	251	0:08	1	0:03	247	0:13	14	0:07	498	0:11	15	0:06
TOTAL	5950	0:11	646	0:05	3614	0:12	42	0:04	7565	0:11	688	0:05

NOMINAL AIRBORNE TIME = 1:18

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-27
ROUTE SEGMENT MIA TO ATL

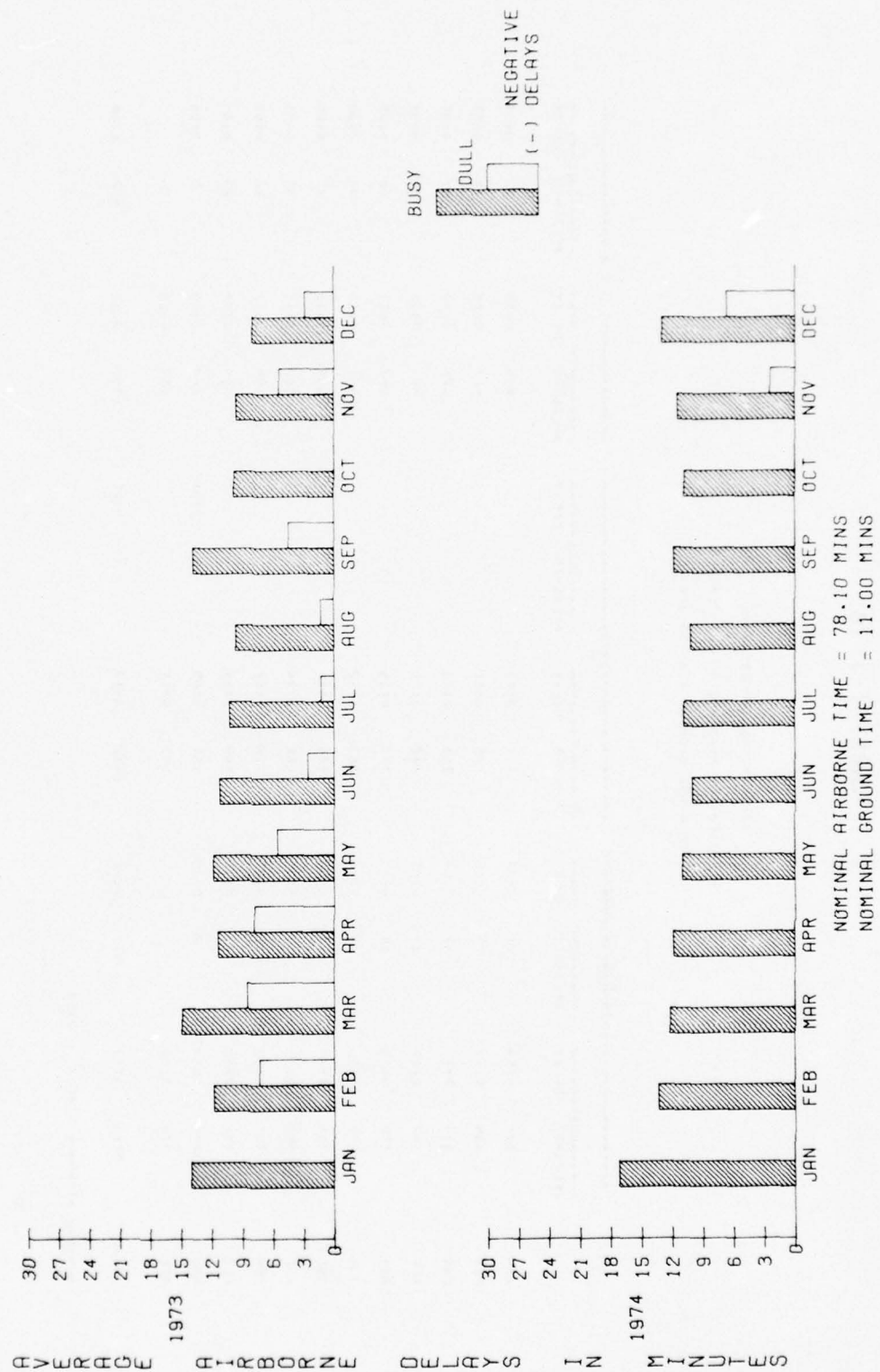


TABLE I-1-28

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT WTA ==> JFK

	-----1973-----				-----1974-----				-----TOTAL-----			
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	228	0:109	21	0:104	227	0:111	455	0:110	21	0:104	476	0:105
FEB	339	0:111	70	0:105	228	0:111	567	0:111	70	0:105	637	0:109
MAR	373	0:111	67	0:109	253	0:113	626	0:112	67	0:109	693	0:101
APR	352	0:110	70	0:101	242	0:111	594	0:110	70	0:101	664	0:108
MAY	314	0:113	48	0:108	273	0:115	587	0:114	48	0:108	635	0:108
JUN	288	0:116	44	0:108	263	0:112	551	0:114	44	0:108	605	0:106
JUL	326	0:117	47	0:106	224	0:116	550	0:116	47	0:106	601	0:107
AUG	350	0:111	51	0:106	187	0:114	537	0:112	51	0:106	598	0:105
SEP	321	0:112	46	0:107	178	0:112	499	0:112	46	0:107	545	0:106
OCT	316	0:110	23	0:105	189	0:111	505	0:110	23	0:105	528	0:106
NOV	288	0:110	2	0:113	181	0:109	469	0:110	2	0:113	491	0:106
DEC	270	0:109			187	0:111	457	0:110			457	0:106
TOTAL	3765	0:112	489	0:106	2632	0:112	6397	0:112	492	0:106	6889	0:106

NOMINAL AIRBORNE TIME = 2:08

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-28

ROUTE SEGMENT MIA TO JFK

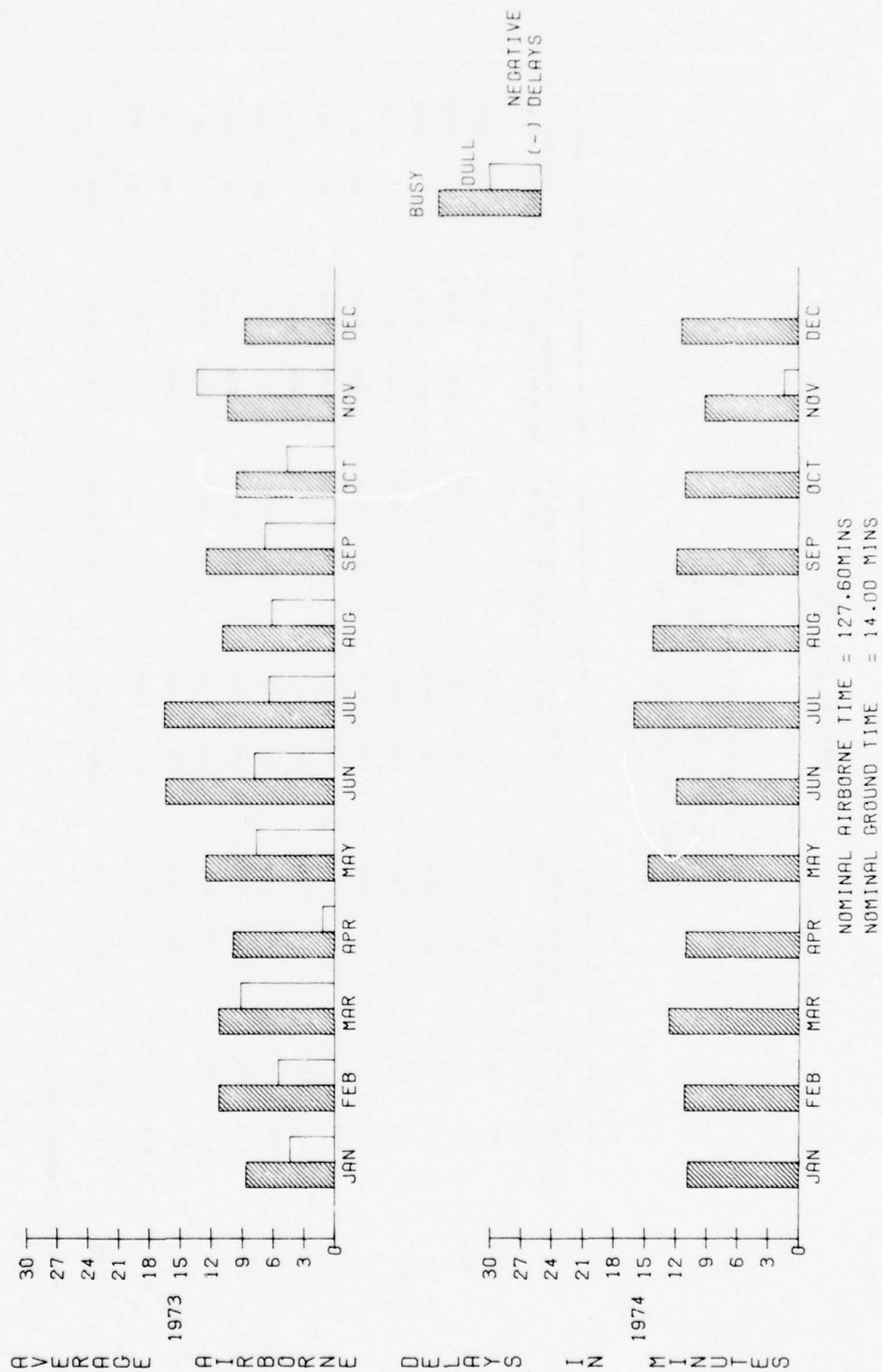


TABLE I-1-29

AIRBORNE DELAYS BY MONTH
AVERAGES FOR RUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT MSP ==> ORD

	-----1973-----				-----1974-----				-----T O T A L-----			
	---RUSY--- #FLIGHTS	---RUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---RUSY--- #FLIGHTS	---RUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---RUSY--- #FLIGHTS	---RUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	585	0:17	51	0:07	62	0:14			647	0:16	51	0:07
FEB	652	0:16	28	0:06	573	0:15	28	0:05	1225	0:16	56	0:06
MAR	631	0:21	31	0:09	621	0:15	31	0:04	1252	0:18	62	0:06
APR	639	0:14	30	0:07	608	0:12	30	0:08	1247	0:13	60	0:07
MAY	711	0:12	51	0:09	699	0:14	51	0:05	1210	0:13	62	0:07
JUN	515	0:11	50	0:06	364	0:13			879	0:12	30	0:06
JUL	534	0:14	31	0:06	378	0:12			912	0:13	31	0:06
AUG	742	0:11	31	0:06	674	0:20	31	0:07	1416	0:15	62	0:06
SEP	651	0:16	30	0:07	590	0:22	30	0:08	1241	0:19	60	0:07
OCT	655	0:13	51	0:07	583	0:20	51	0:06	1238	0:17	62	0:07
NOV	725	0:10	30	0:06	166	0:16			891	0:11	30	0:06
DEC	674	0:17	31	0:07	151	0:16			825	0:17	51	0:07
TOTAL	7714	0:14	365	0:07	5269	0:16	212	0:06	12983	0:15	577	0:07

NOMINAL AIRBORNE TIME = 0:43

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-29

ROUTE SEGMENT MSP TO ORD

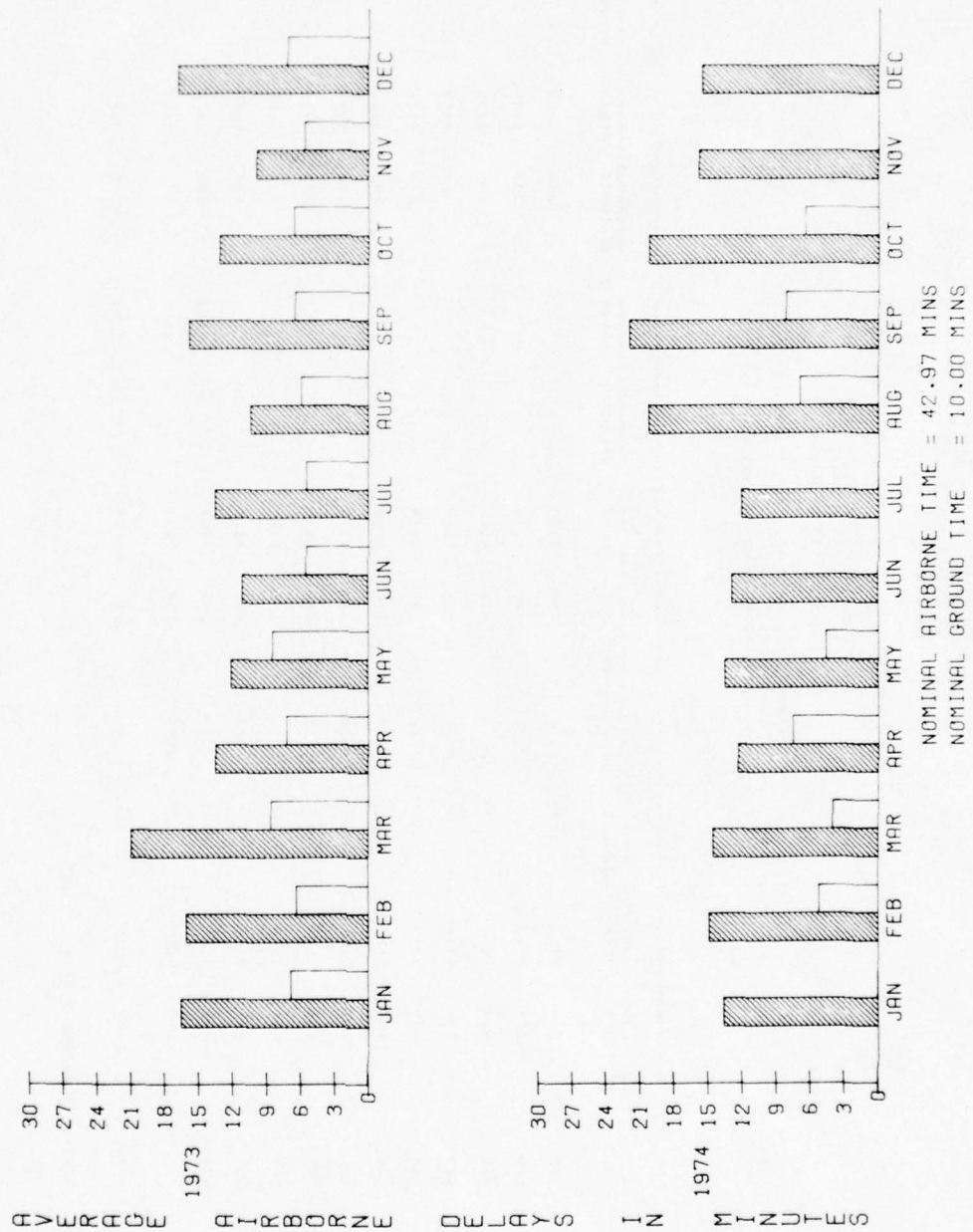


TABLE I-1-30

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SPENTAL ORD ==> ATL

	1973				1974				TOTAL			
	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	BUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	377	0:18	95	0:13	258	0:20			635	0:19	95	0:13
FEB	371	0:14	91	0:12	346	0:16			717	0:15	91	0:12
MAR	412	0:21	75	0:16	596	0:16			608	0:19	75	0:16
APR	394	0:16	69	0:13	555	0:18			749	0:17	69	0:13
MAY	443	0:15	104	0:12	395	0:18			838	0:16	104	0:12
JUN	440	0:17	101	0:12	354	0:18			794	0:18	101	0:12
JUL	423	0:16	102	0:10	367	0:19			790	0:17	102	0:10
AUG	453	0:16	107	0:11	424	0:20			877	0:18	107	0:11
SEP	433	0:20	98	0:11	368	0:20			821	0:20	98	0:11
OCT	438	0:15	106	0:09	391	0:15			829	0:15	106	0:09
NOV	406	0:14	41	0:09	294	0:18	30	0:13	700	0:16	71	0:11
DEC	402	0:19	27	0:14	302	0:19	30	0:15	704	0:19	57	0:15
TOTAL	4992	0:17	1016	0:12	4275	0:18	60	0:14	9267	0:17	1076	0:12

NOMINAL AIRBORNE TIME = 1:07

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-30

ROUTE SEGMENT ORD TO ATL

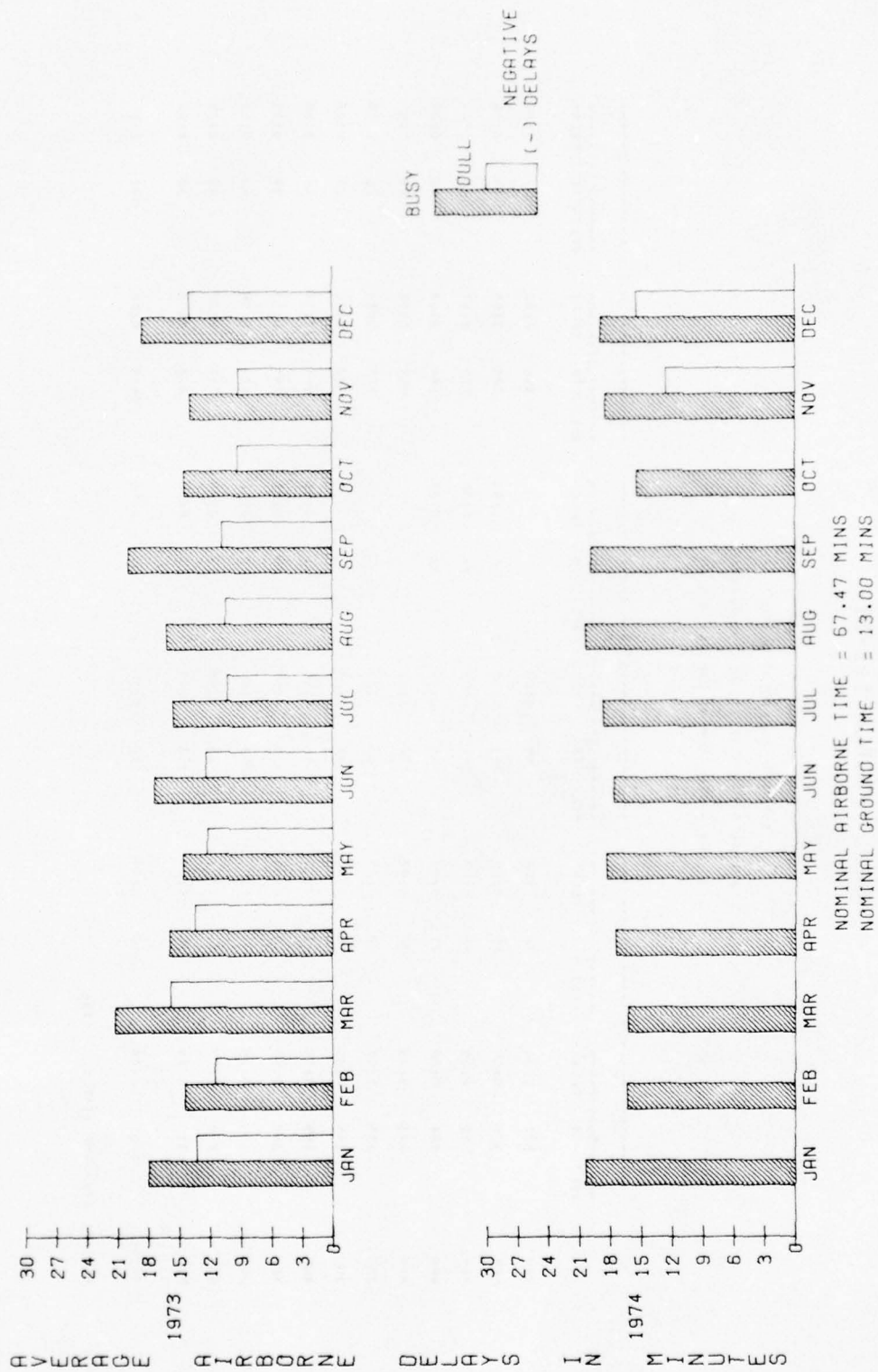


TABLE I-1-31

AIRBORNE DELAYS BY MONTH
AVERAGES FOR RUSY VS. DULL INTERVALS
FOR ROUTE SECTANT 0ND 220 BUS

	1973				1974				TOTAL			
	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	297	0:04	22	0:02	99	0:02			346	0:04	22	0:02
FEB	378	0:09	18	0:08	347	0:10	13	0:04	725	0:09	31	0:06
MAR	390	0:09	22	0:07	360	0:05	21	0:00	770	0:07	43	0:04
APR	381	0:08	21	0:07	308	0:08	21	0:07	689	0:08	42	0:07
MAY	423	0:08	22	0:07	128	0:07			551	0:08	22	0:07
JUN	235	0:11	20	0:09	143	0:09			378	0:10	20	0:09
JUL	235	0:09	19	0:08	147	0:11			382	0:10	19	0:08
AUG	459	0:10	23	0:10	462	0:11	21	0:06	921	0:10	44	0:08
SEP	363	0:07	19	0:05	337	0:07	19	0:05	700	0:07	38	0:05
OCT	333	0:09	21	0:08	281	0:09	23	0:06	614	0:09	44	0:07
NOV	294	0:04	21	0:02	423	0:08	19	0:09	717	0:07	40	0:05
DEC	319	0:06	15	0:08	353	0:09	17	0:04	672	0:07	32	0:06
TOTAL	4107	0:08	243	0:07	3408	0:08	154	0:05	7515	0:08	397	0:10

NOMINAL AIRBORNE TIME = 1:36

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-31
ROUTE SEGMENT ORD TO BOS

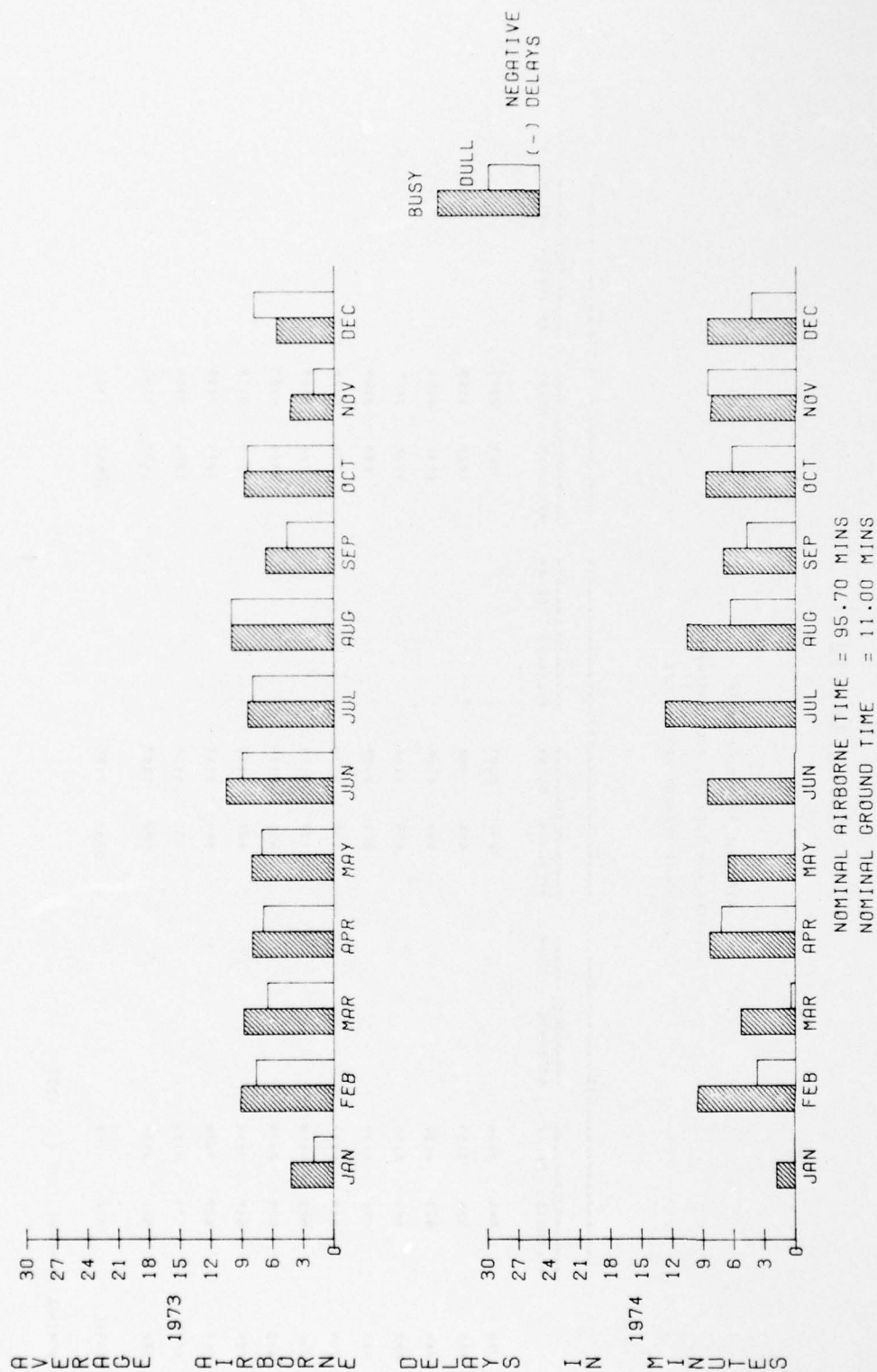


TABLE I-1-32

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT ORD ==> DCA

	-----1973-----				-----1974-----				-----TOTAL-----			
	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	466	0:06			237	0:03			703	0:05		
FEB	569	0:10			441	0:06			1030	0:08		
MAR	673	0:11			465	0:05			1138	0:08		
APR	661	0:08			459	0:08			1120	0:08		
MAY	691	0:09			207	0:07			898	0:09		
JUN	618	0:10			158	0:10			776	0:10		
JUL	622	0:08			124	0:09			746	0:08		
AUG	689	0:09			651	0:09			1340	0:09		
SEP	619	0:09			621	0:12			1240	0:10		
OCT	629	0:09			646	0:11			1275	0:10		
NOV	573	0:04			631	0:08			1204	0:06		
DEC	540	0:08			592	0:07			1132	0:07		
TOTAL	7370	0:09			5232	0:08			12602	0:08		

NOMINAL AIRBORNE TIME = 1:13

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-32
ROUTE SEGMENT ORD TO DCA

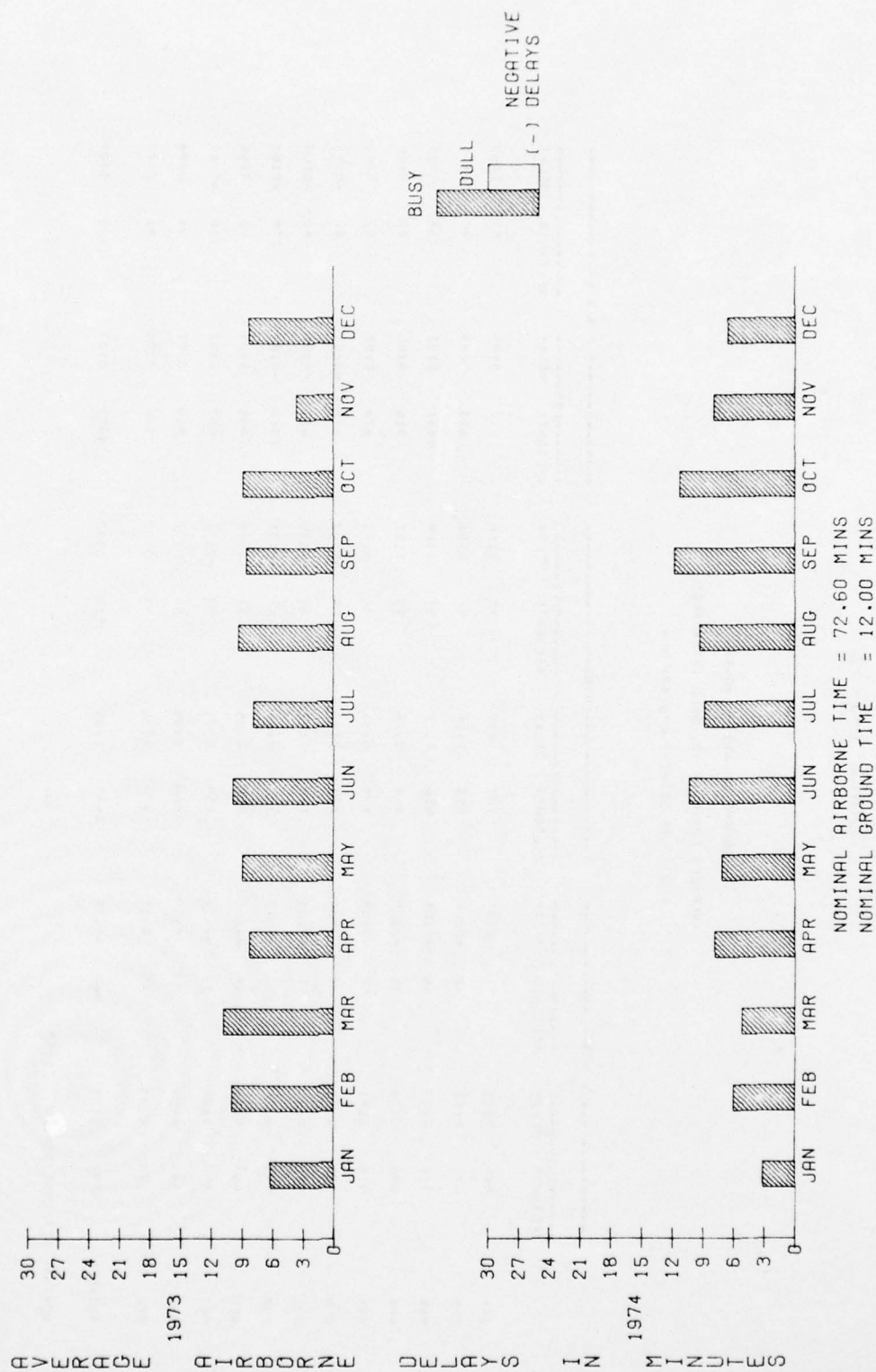


TABLE I-1-33

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ORD ==> OFN

	1973				1974				T O T A L			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	449	0:03	51	0:01	128	0:09	30	0:08	577	0:05	81	0:03
FEB	470	0:01	48	-0:02	453	0:06	42	0:04	923	0:03	90	0:01
MAR	525	0:02	56	-0:01	506	0:12	57	0:09	1031	0:07	113	0:04
APR	496	0:04	46	-0:02	468	0:06	51	0:03	964	0:05	97	0:00
MAY	519	0:01	52	-0:00	155	0:06	31	0:03	674	0:02	83	0:01
JUN	471	-0:01	51	-0:04	147	0:00	29	-0:02	618	-0:01	80	-0:03
JUL	489	-0:01	51	-0:03	148	-0:02	30	-0:05	637	-0:01	81	-0:04
AUG	544	-0:04	53	-0:05	522	0:03	53	-0:01	1066	-0:01	106	-0:03
SEP	463	0:00	49	-0:01	482	0:05	47	0:01	945	0:03	96	0:00
OCT	452	0:00	52	-0:01	455	0:04	54	-0:01	907	0:02	106	-0:01
NOV	344	0:09	48	0:09	466	0:05	46	0:02	810	0:07	94	0:06
DEC	370	0:03	45	0:01	470	0:06	48	0:02	840	0:05	93	0:02
TOTAL	5592	0:01	602	-0:01	4400	0:05	518	0:02	9992	0:03	1120	0:01

NOMINAL AIRBORNE TIME = 1157

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-33
ROUTE SEGMENT ORD TO DEN



TABLE I-1-34

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT ORD ==> DTW

	-----1973-----				-----1974-----				-----T O T A L-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	357	0:08	59	0:10	184	0:05			541	0:07	59	0:10
FEB	568	0:08	28	0:07	397	0:06	28	0:06	965	0:07	56	0:06
MAR	591	0:10	29	0:08	379	0:07	31	0:06	970	0:08	60	0:07
APR	553	0:08	30	0:08	376	0:07	30	0:07	929	0:07	60	0:07
MAY	557	0:08	31	0:09	348	0:06	31	0:06	905	0:07	62	0:07
JUN	409	0:08	30	0:07	193	0:05			602	0:07	30	0:07
JUL	387	0:07	30	0:09	168	0:10			555	0:08	30	0:09
AUG	530	0:08	61	0:07	592	0:08	62	0:07	1122	0:08	123	0:07
SEP	449	0:07	58	0:07	395	0:08	59	0:09	844	0:07	117	0:08
OCT	427	0:09	56	0:07	334	0:07	62	0:10	761	0:08	118	0:08
NOV	499	0:06	30	0:05	405	0:08			904	0:07	30	0:05
DEC	493	0:08	30	0:08	244	0:07			737	0:07	30	0:08
TOTAL	5820	0:08	472	0:08	4015	0:07	303	0:08	9835	0:08	775	0:08

NOMINAL AIRBORNE TIME = 0:31

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-34

ROUTE SEGMENT ORD TO DTW

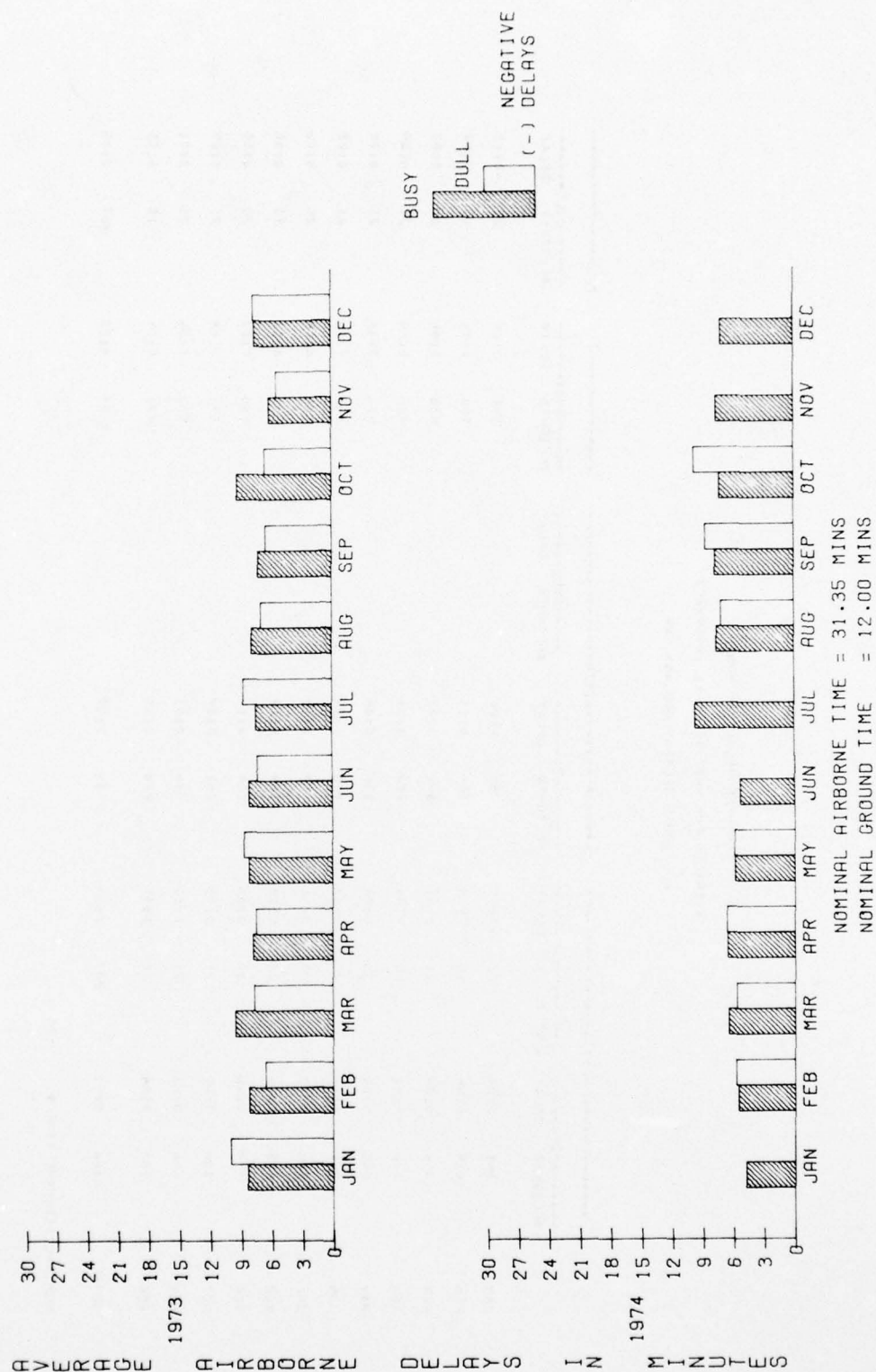


TABLE I-1-35

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ORD ==> FWW

	-----1973-----				-----1974-----				-----T O T A L-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	361	0:04	22	-0:00	50	0:00			391	0:04	22	-0:00
FEB	415	0:08	19	0:04	349	0:03			764	0:06	19	0:04
MAR	444	0:09	21	0:07	390	0:02			834	0:06	21	0:07
APR	406	0:08	20	0:04	382	0:05			788	0:06	20	0:04
MAY	440	0:09	21	0:04	136	0:06			576	0:08	21	0:04
JUN	256	0:11	21	0:08	100	0:10			356	0:10	21	0:08
JUL	264	0:07	20	0:06	72	0:10			336	0:08	20	0:06
AUG	475	0:09	23	0:08	349	0:12			824	0:10	23	0:08
SEP	378	0:06	20	0:05	266	0:10			644	0:07	20	0:05
OCT	334	0:07	21	0:05	261	0:09			595	0:08	21	0:05
NOV	186	0:03	21	0:01	316	0:07			502	0:06	21	0:01
DEC	187	0:05	18	0:05	284	0:05			471	0:05	18	0:05
TOTAL	4146	0:07	247	0:05	2935	0:07			7081	0:07	247	0:05

NOMINAL AIRBORNE TIME = 1:24

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-35
ROUTE SEGMENT ORD TO EWR

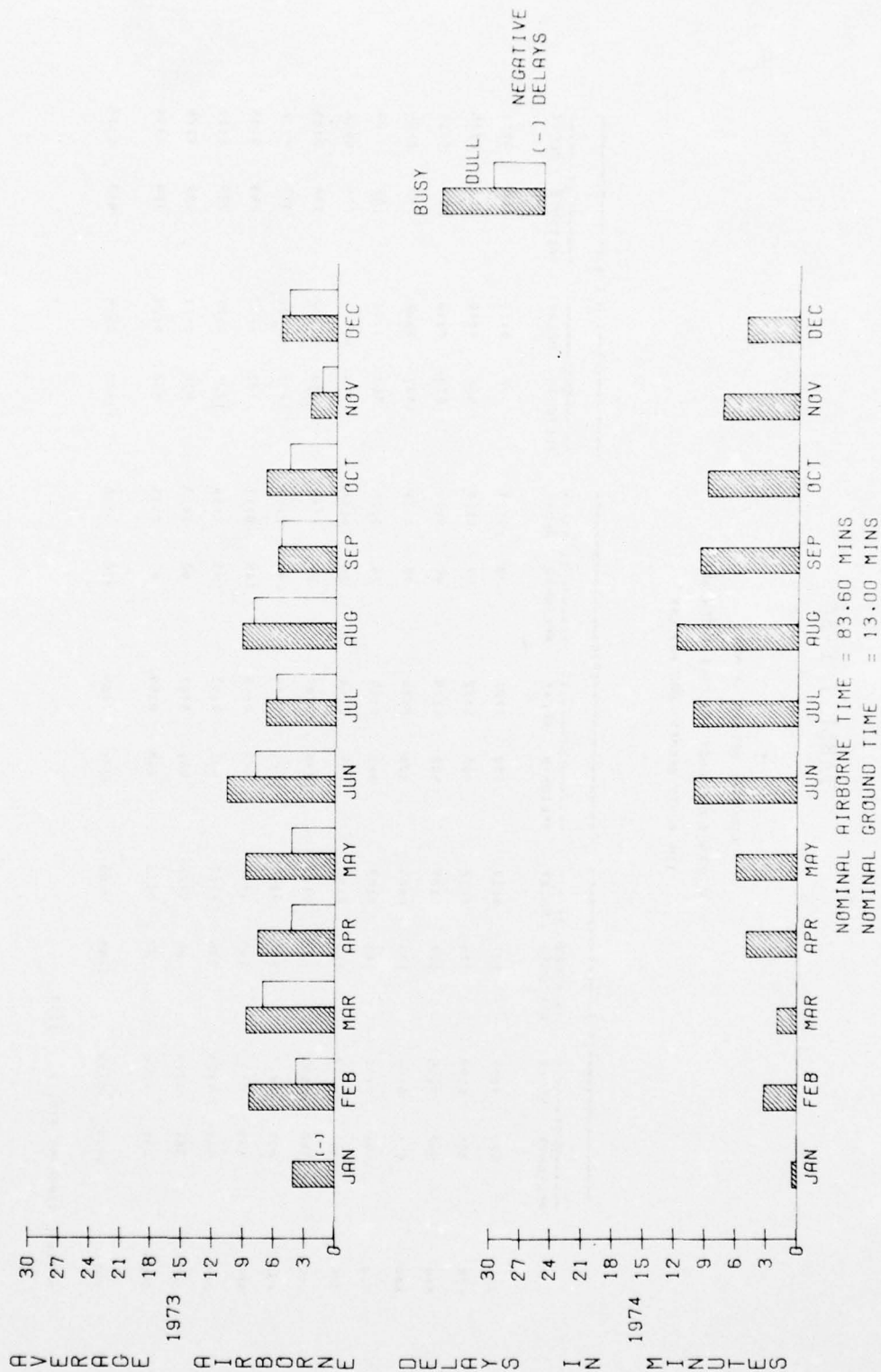


TABLE I-1-36

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT OMD => LAX

	1973				1974				TOTAL			
	---BUSY--- #FLIGHTS	OFFLAW	---DULL--- #FLIGHTS	DELAY	---BUSY--- #FLIGHTS	OFFLAW	---DULL--- #FLIGHTS	DELAY	---BUSY--- #FLIGHTS	DELAY	---DULL--- #FLIGHTS	DELAY
JAN	520	0:07	127	0:10	182	0:12	23	0:19	702	0:11	150	0:11
FEB	498	0:09	116	0:12	468	0:12	87	0:18	966	0:10	203	0:15
MAR	562	0:05	129	0:09	508	0:19	95	0:24	1070	0:12	224	0:15
APR	551	0:03	124	0:05	526	0:14	70	0:18	1077	0:08	194	0:09
MAY	596	0:01	126	0:07	267	0:10	24	0:20	863	0:03	150	0:04
JUN	565	-0:02	113	0:06	231	-0:00	21	0:06	796	-0:02	134	0:06
JUL	598	-0:01	122	0:05	236	-0:04	22	0:02	834	-0:02	144	0:05
AUG	631	-0:05	177	0:00	621	0:04	198	0:11	1252	-0:01	375	0:06
SEP	575	0:01	148	0:06	552	0:05	145	0:11	1127	0:03	293	0:08
OCT	564	0:03	146	0:07	561	0:07	143	0:14	1125	0:05	289	0:11
NOV	389	0:16	80	0:26	541	0:07	60	0:13	930	0:11	140	0:20
DEC	430	0:04	82	0:13	508	0:09	82	0:15	938	0:07	164	0:14
TOTAL	6479	0:03	1490	0:08	5201	0:09	970	0:14	11680	0:05	2460	0:10

NOMINAL AIRBORNE TIME = 3:34

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-36
ROUTE SEGMENT ORD TO LAX

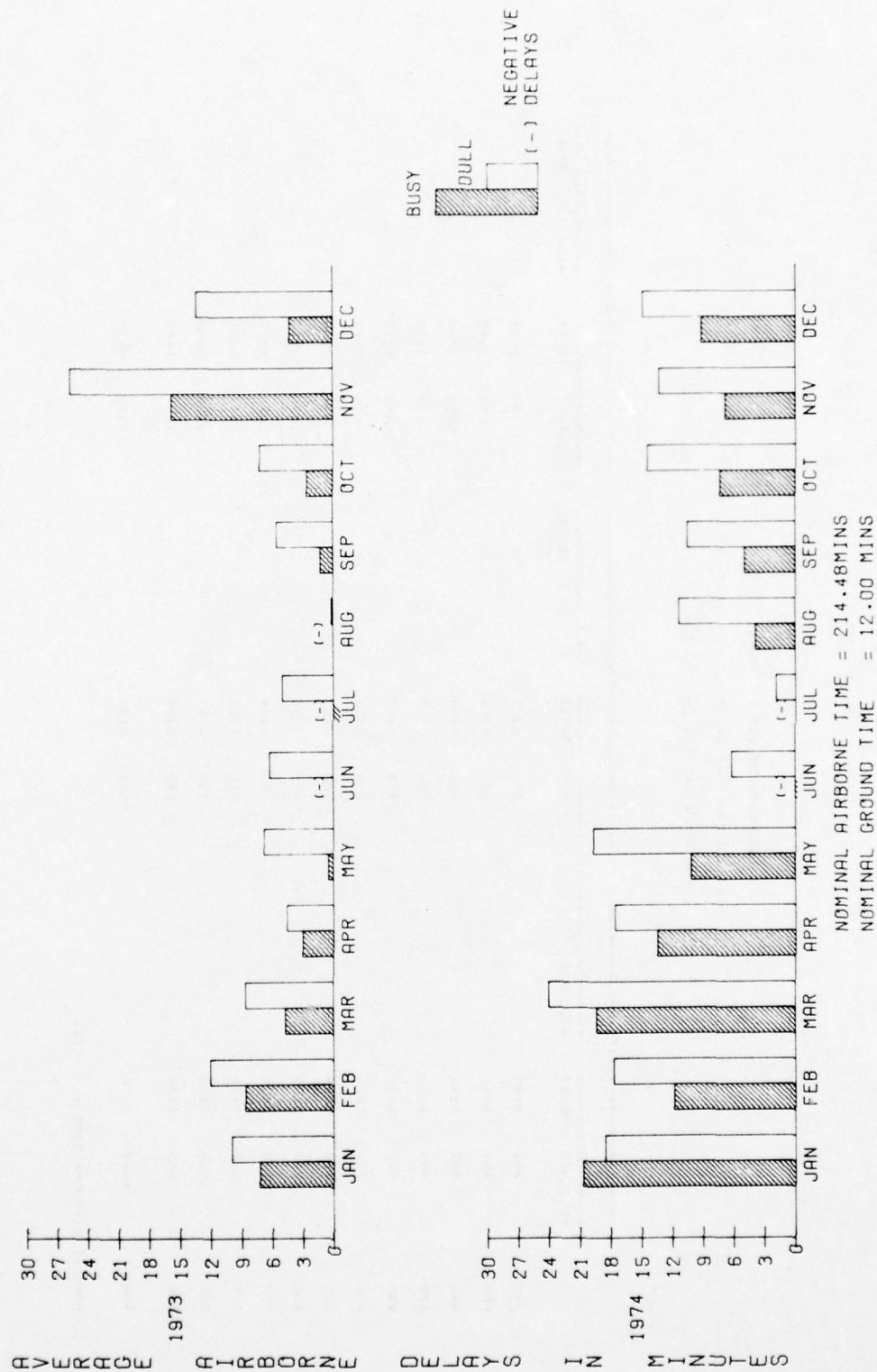


TABLE I-1-37

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR MONTH SEGMENT ORD ==> LGA

	1973				1974				T O T A L			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	884	0:07			515	0:01			1199	0:05		
FEB	851	0:11			680	0:06			1531	0:08		
MAR	940	0:14			776	0:04			1716	0:09		
APR	939	0:12			774	0:07			1713	0:10		
MAY	997	0:12			370	0:07			1367	0:11		
JUN	776	0:14			259	0:15			1035	0:14		
JUL	802	0:09			168	0:15			970	0:09		
AUG	1007	0:12			891	0:15			1898	0:13		
SEP	879	0:08			795	0:14			1674	0:11		
OCT	832	0:09			811	0:12			1643	0:11		
NOV	525	0:03			834	0:11			1359	0:08		
DEC	555	0:08			732	0:08			1287	0:08		
TOTAL	9987	0:10			7405	0:09			17391	0:10		

NOMINAL AIRBORNE TIME = 1:26

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-37

ROUTE SEGMENT ORD TO LGA

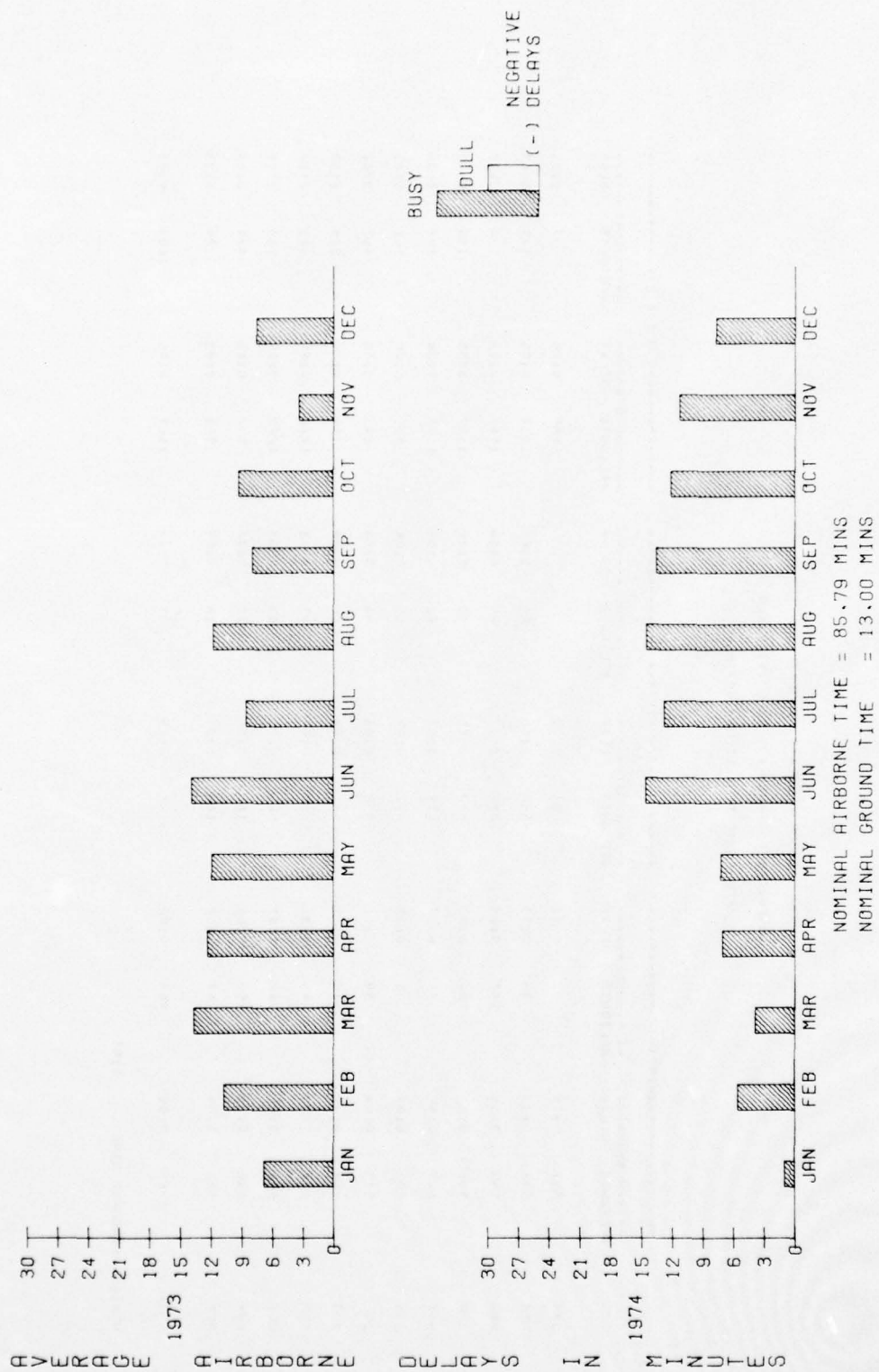


TABLE I-1-38

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR MONTH SEGMENT DMD ==> MSP

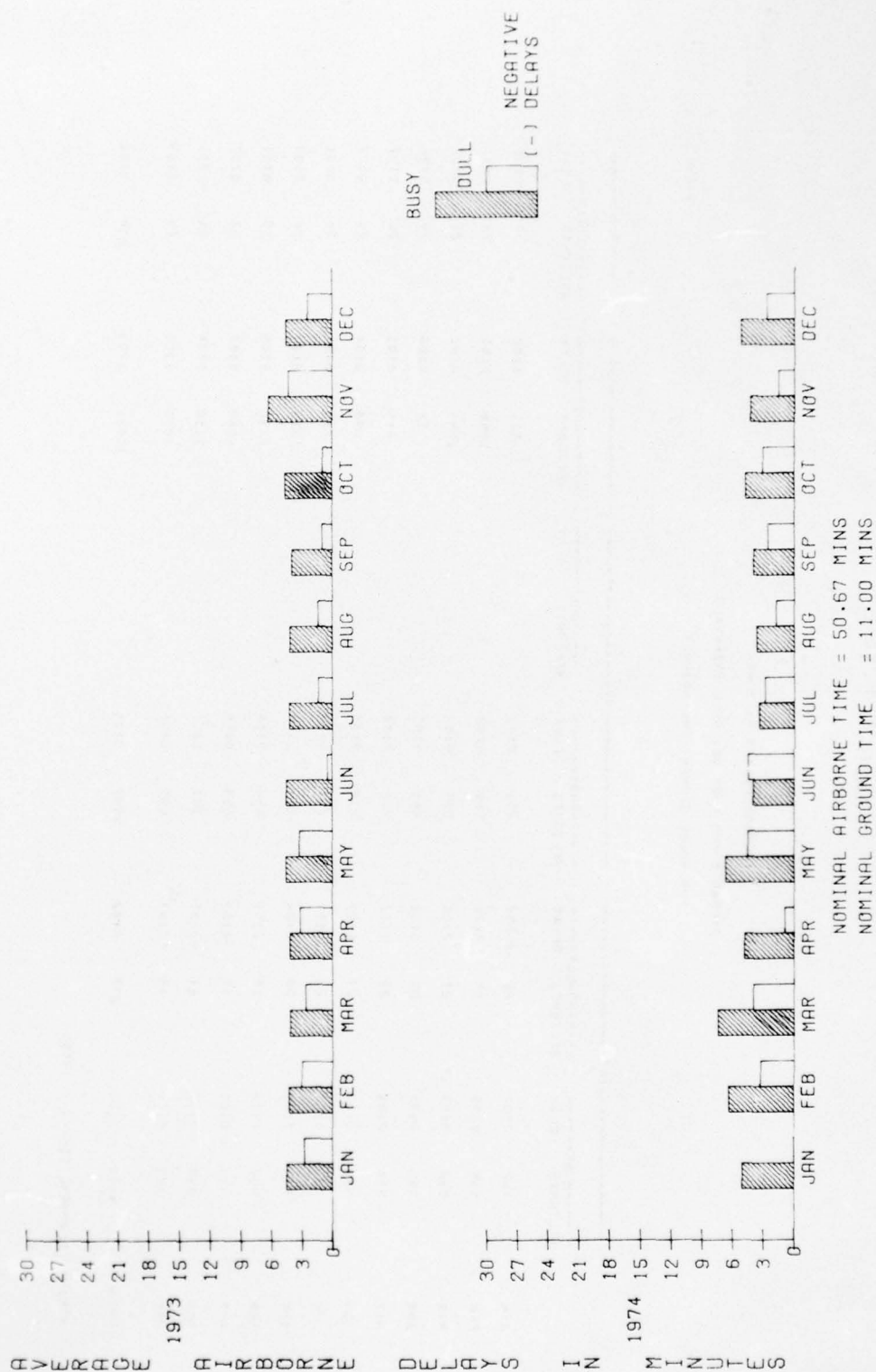
	1973				1974				T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	507	0:05	47	0:05	61	0:05			568	0:05	47	0:03
FEB	576	0:04	95	0:03	558	0:06	54	0:03	1134	0:05	149	0:03
MAR	553	0:04	107	0:03	614	0:07	29	0:04	1167	0:06	136	0:03
APR	540	0:04	100	0:03	602	0:05	30	0:01	1142	0:05	130	0:03
MAY	649	0:05	81	0:03	479	0:07	62	0:05	1128	0:06	143	0:04
JUN	494	0:05	46	0:00	327	0:04	55	0:04	821	0:04	101	0:03
JUL	513	0:04	50	0:01	330	0:03	53	0:03	843	0:04	103	0:02
AUG	694	0:04	110	0:01	661	0:04	110	0:02	1355	0:04	220	0:02
SEP	613	0:04	86	0:01	607	0:04	105	0:03	1220	0:04	191	0:02
OCT	604	0:05	80	0:01	625	0:05	103	0:03	1229	0:05	183	0:02
NOV	646	0:06	100	0:04	166	0:04	20	0:02	812	0:06	120	0:04
DEC	580	0:05	64	0:02	168	0:05	16	0:03	748	0:05	80	0:03
TOTAL	6969	0:05	966	0:02	5198	0:05	637	0:03	12167	0:05	1603	0:03

NOMINAL AIRBORNE TIME = 0:15:

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-38

ROUTE SEGMENT ORD TO MSP



AD-A032 559

TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS
AIRLINE DELAY TRENDS, 1973-1974. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
JUL 76 H M CONDELL, S M HOROWITZ

F/G 1/2

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TSC-FAA-76-24

FAA-EM-76-8

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TABLE I-1-39

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR BUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT ORD 220 PIT

	1973				1974				T O T A L			
	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---	---BUSY---	---DULL---
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	562	0:02	22	-0:00	241	0:02	803	0:02	22	-0:00	1054	0:01
FEB	535	0:04	18	0:01	519	0:02	1054	0:03	18	0:01	1093	0:02
MAR	560	0:03	21	0:02	533	0:01	1093	0:02	21	0:02	921	0:04
APR	455	0:04	20	0:02	466	0:03	815	0:03	20	0:02	698	0:04
MAY	570	0:03	22	0:02	245	0:02	721	0:04	22	0:02	1133	0:07
JUN	460	0:04	21	0:02	238	0:05	1136	0:06	21	0:02	1069	0:07
JUL	474	0:03	21	0:01	247	0:07	1110	0:06	21	0:01	1058	0:05
AUG	544	0:07	22	0:04	769	0:08	1181	0:05	22	0:04	1181	0:05
SEP	482	0:04	18	0:01	654	0:08	238	0:02	18	0:01	238	0:02
OCT	436	0:07	17	0:07	653	0:06	5937	0:05	17	0:07	5937	0:05
NOV	403	0:02	21	-0:01	707	0:07	5937	0:05	21	-0:01	5937	0:05
DEC	393	0:04	15	0:03	665	0:06	5937	0:05	15	0:03	5937	0:05
TOTAL	5874	0:04	238	0:02	5937	0:05	5937	0:05	238	0:02	5937	0:05

NOMINAL AIRBORNE TIME = 0:54

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-39
ROUTE SEGMENT ORD TO PIT



TABLE I-1-40

AIRBORNE DELAYS BY MONTH
 AVERAGES FOR HUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT UND => SED

	-----1973-----				-----1974-----				-----1975-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	374	0:06	79	0:09	45	0:11			457	0:07	79	0:09
FEB	341	0:07	77	0:04	348	0:10	34	0:12	689	0:08	111	0:06
MAR	385	0:00	90	-0:00	398	0:16	42	0:15	783	0:08	132	0:05
APR	373	-0:02	78	-0:07	391	0:06	41	0:07	764	0:02	119	-0:02
MAY	414	-0:02	85	-0:03	119	0:09	4	0:03	533	0:00	89	-0:03
JUN	404	-0:06	81	-0:01	99	-0:02	5	0:03	503	-0:06	86	-0:01
JUL	413	-0:05	76	-0:05	87	-0:07	2	-0:06	500	-0:05	78	-0:05
AUG	482	-0:06	64	-0:04	477	0:00	49	0:04	959	-0:03	113	-0:01
SEP	401	-0:02	39	-0:03	411	-0:00	41	-0:02	812	-0:01	80	-0:03
OCT	374	0:01	44	-0:01	415	0:01	48	0:01	787	0:01	92	0:00
NOV	284	0:21	38	0:18	390	0:03	40	0:05	674	0:11	78	0:12
DEC	300	0:06	33	0:10	383	0:04	39	0:05	683	0:05	72	0:07
TOTAL	4545	0:01	784	0:00	3599	0:05	345	0:05	8144	0:02	1129	0:02

NOMINAL AIRBORNE TIME = 3:53

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-40

ROUTE SEGMENT ORD TO SFO

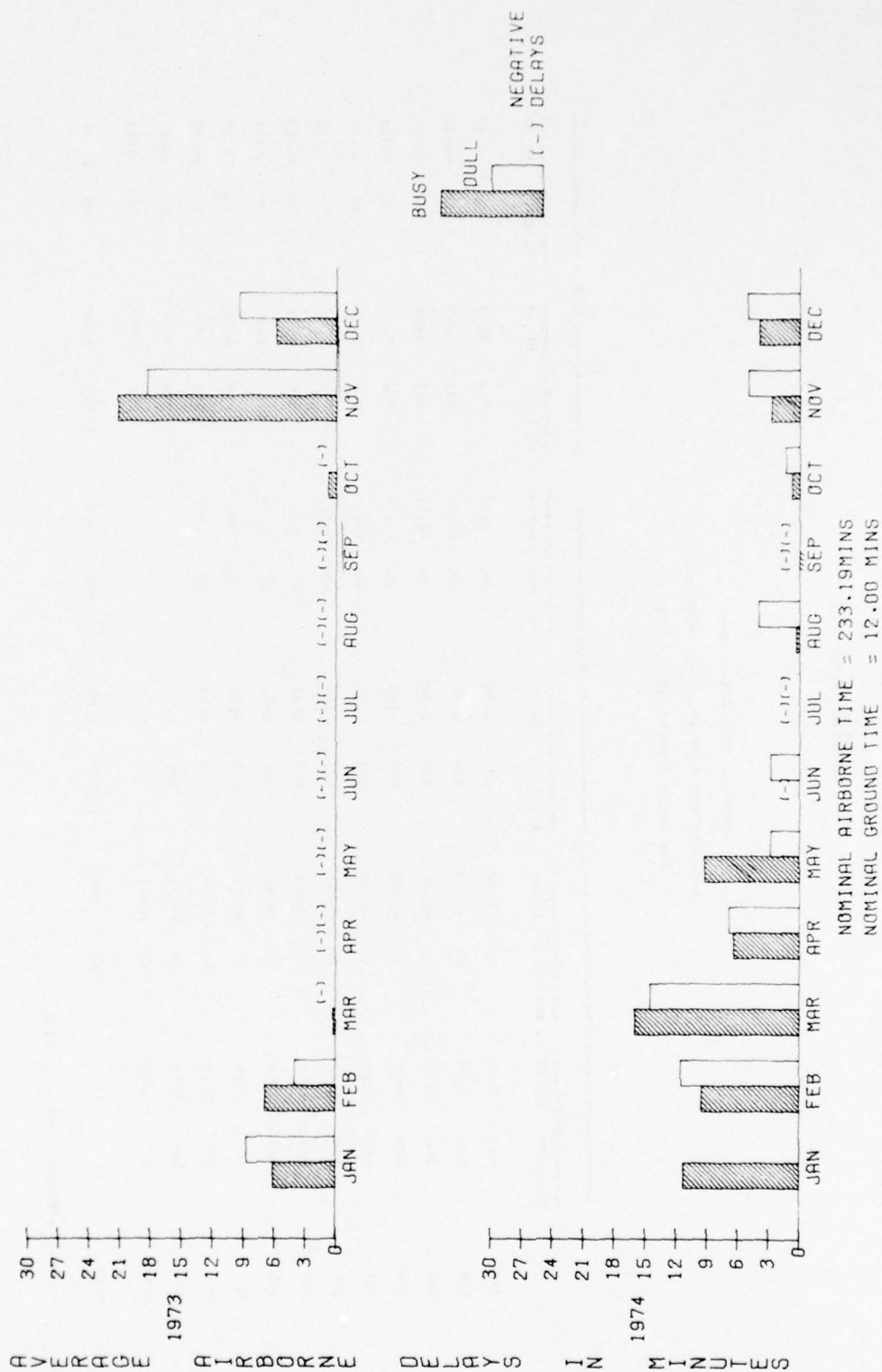


TABLE I-1-41

AIRBORNE DELAYS BY MONTH
AVERAGES FOR RUSV VS. DULL INTERVALS
FOR ROUTE SEGMT ORD ==> STL

	1973				1974				TOTAL			
	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY	#FLIGHTS	DELAY
JAN	441	0:06	51	0:02	272	0:08	25	-0:02	713	0:07	76	0:01
FEB	583	0:05	47	-0:03	324	0:05	24	-0:04	911	0:05	75	-0:04
MAR	606	0:07	51	-0:00	307	0:04	26	-0:01	913	0:06	77	-0:01
APR	531	0:03	42	-0:06	270	0:04	26	-0:05	801	0:03	68	-0:06
MAY	480	0:03	31	-0:09	502	0:05	50	0:01	982	0:04	81	-0:03
JUN	329	0:02	30	-0:07	425	0:04	49	0:00	754	0:03	79	-0:03
JUL	417	0:02	49	-0:06	412	0:03	27	0:04	829	0:02	76	-0:02
AUG	589	0:03	53	-0:04	599	0:06	26	0:04	1188	0:04	79	-0:01
SEP	526	0:04	50	-0:04	523	0:06	25	0:04	1049	0:05	75	-0:01
OCT	526	0:03	54	-0:04	530	0:04	26	0:03	1056	0:04	80	-0:02
NOV	566	0:03	51	-0:01	424	0:05			990	0:04	51	-0:01
DEC	513	0:06	43	-0:01	356	0:05			869	0:05	43	-0:01
TOTAL	6107	0:04	552	-0:03	4948	0:05	308	0:00	11055	0:04	860	-0:02

NOMINAL AIRBORNE TIME = 0:39

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-41
ROUTE SEGMENT ORD TO STL



TABLE I-1-42

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT PHL >> HOS

	1973				1974				TOTAL			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	452	0:12	33	0:06	361	0:14	1	0:04	813	0:13	34	0:06
FEB	464	0:14	41	0:09	509	0:16			973	0:15	41	0:09
MAR	509	0:13	46	0:10	367	0:14			876	0:13	46	0:10
APR	497	0:13	58	0:08	313	0:14			810	0:13	58	0:08
MAY	532	0:13	34	0:10	559	0:15	31	0:12	1091	0:14	65	0:11
JUN	554	0:15	32	0:10	531	0:14	29	0:10	1085	0:14	61	0:10
JUL	566	0:14	34	0:11	550	0:15	31	0:11	1116	0:14	65	0:11
AUG	580	0:14	35	0:11	704	0:16	61	0:09	1244	0:15	96	0:09
SEP	555	0:14	33	0:07	674	0:15	53	0:19	1229	0:14	86	0:15
OCT	401	0:14	26	0:09	649	0:14	54	0:08	1090	0:14	84	0:08
NOV	596	0:13	29	0:09	641	0:14	55	0:10	1237	0:14	84	0:10
DEC	547	0:13	16	0:10	648	0:15	60	0:09	1195	0:14	76	0:09
TOTAL	6253	0:14	497	0:09	6546	0:15	379	0:11	12799	0:14	876	0:10

NOMINAL AIRBORNE TIME = 0:36

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-42
ROUTE SEGMENT PHL TO BOS

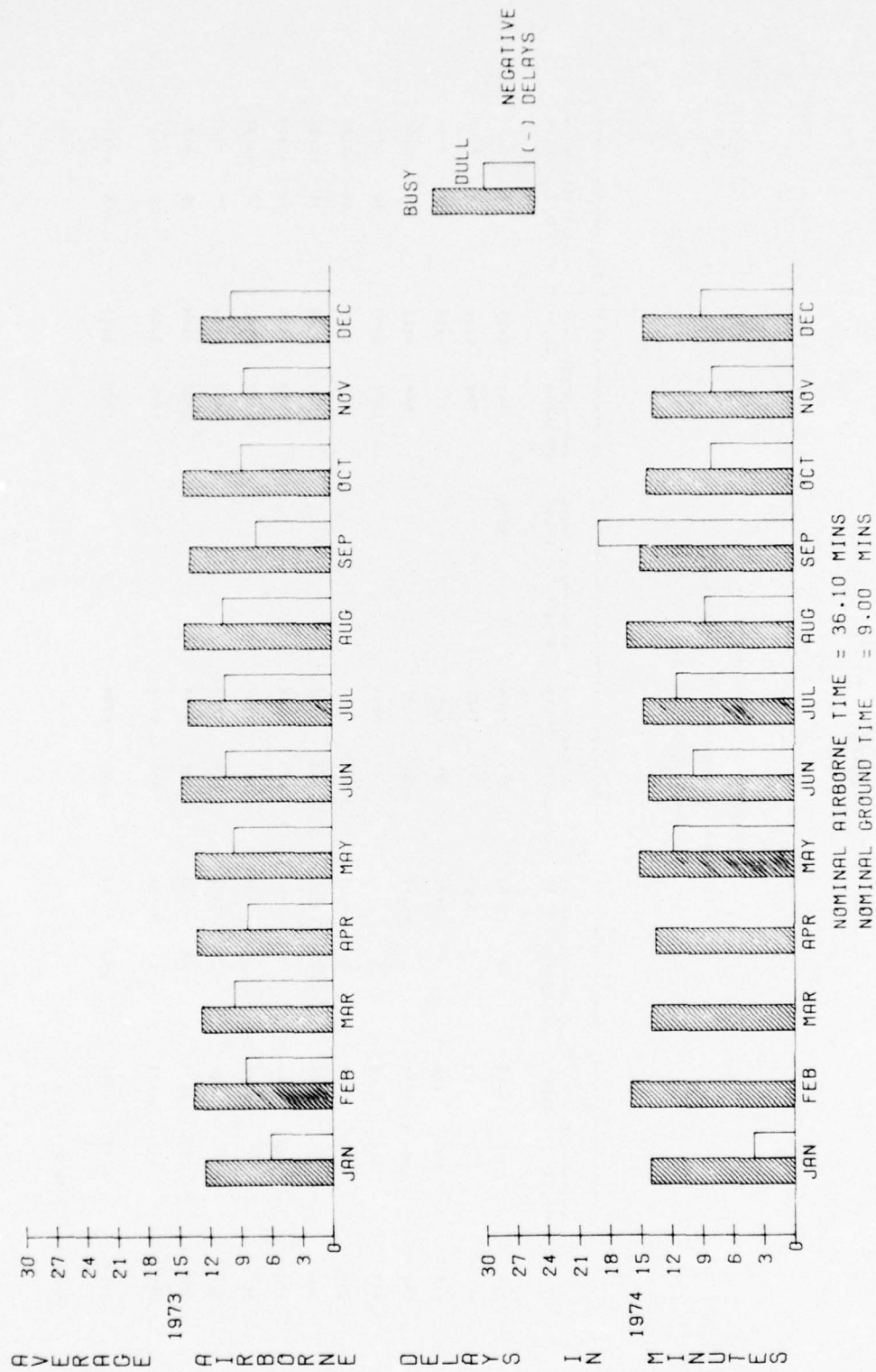


TABLE I-1-43

ALPHIRNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT PHL >>> PIT

	1973				1974				TOTAL			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	568	0:03	9	0:01	273	0:06	1	0:06	841	0:04	10	0:02
FEB	531	0:03	9	0:00	463	0:04			994	0:04	9	0:00
MAR	585	0:03	9	0:00	285	0:03			870	0:03	9	0:00
APR	564	0:03	8	-0:02	284	0:01			848	0:02	8	-0:02
MAY	568	0:02	34	0:00	432	0:03			1000	0:03	34	0:00
JUN	512	0:01	34	-0:01	417	0:02			929	0:02	34	-0:01
JUL	528	0:00	34	-0:02	423	0:04			951	0:02	34	-0:02
AUG	562	0:02	36	-0:04	620	0:06			1182	0:04	36	-0:04
SEP	535	0:02	33	-0:00	585	0:10			1120	0:06	33	-0:00
OCT	428	0:04	29	0:02	624	0:07			1052	0:06	29	0:02
NOV	455	0:04	29	0:01	557	0:07			1012	0:06	29	0:01
DEC	441	0:03	14	-0:01	585	0:08			1026	0:06	14	-0:01
TOTAL	6277	0:03	278	-0:01	5548	0:06	1	0:06	11825	0:04	279	-0:01

NOMINAL ALPHIRNE TIME = 0:04

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-43

ROUTE SEGMENT PHL TO PIT



TABLE I-1-44

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT PIT ==> ORD

	1973				1974				T O T A L			
	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY	---BUSY--- #FLIGHTS	---BUSY--- DELAY	---DULL--- #FLIGHTS	---DULL--- DELAY
JAN	503	0:10	48	0:02	220	0:13			723	0:11	48	0:02
FEB	535	0:12	42	-0:01	520	0:13			1055	0:12	42	-0:01
MAR	567	0:14	49	0:02	529	0:13			1096	0:13	49	0:02
APR	487	0:05	19	-0:04	489	0:06			976	0:06	19	-0:04
MAY	574	0:06	48	0:00	246	0:09			820	0:06	48	0:00
JUN	551	0:03	47	-0:02	239	0:04			770	0:03	47	-0:02
JUL	535	0:04	45	-0:01	248	0:04			783	0:04	45	-0:01
AUG	581	0:02	50	-0:04	850	0:14			1411	0:09	50	-0:04
SEP	494	0:09	44	-0:01	760	0:21			1254	0:16	44	-0:01
OCT	451	0:05	49	-0:01	790	0:17			1241	0:13	49	-0:01
NOV	409	0:07	44	0:04	771	0:10			1180	0:09	44	0:04
DEC	421	0:11	16	0:01	739	0:11			1160	0:11	16	0:01
TOTAL	6088	0:07	501	-0:00	6381	0:12			12469	0:10	501	-0:00

NOMINAL AIRBORNE TIME = 1:04

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-44

ROUTE SEGMENT PIT TO ORD

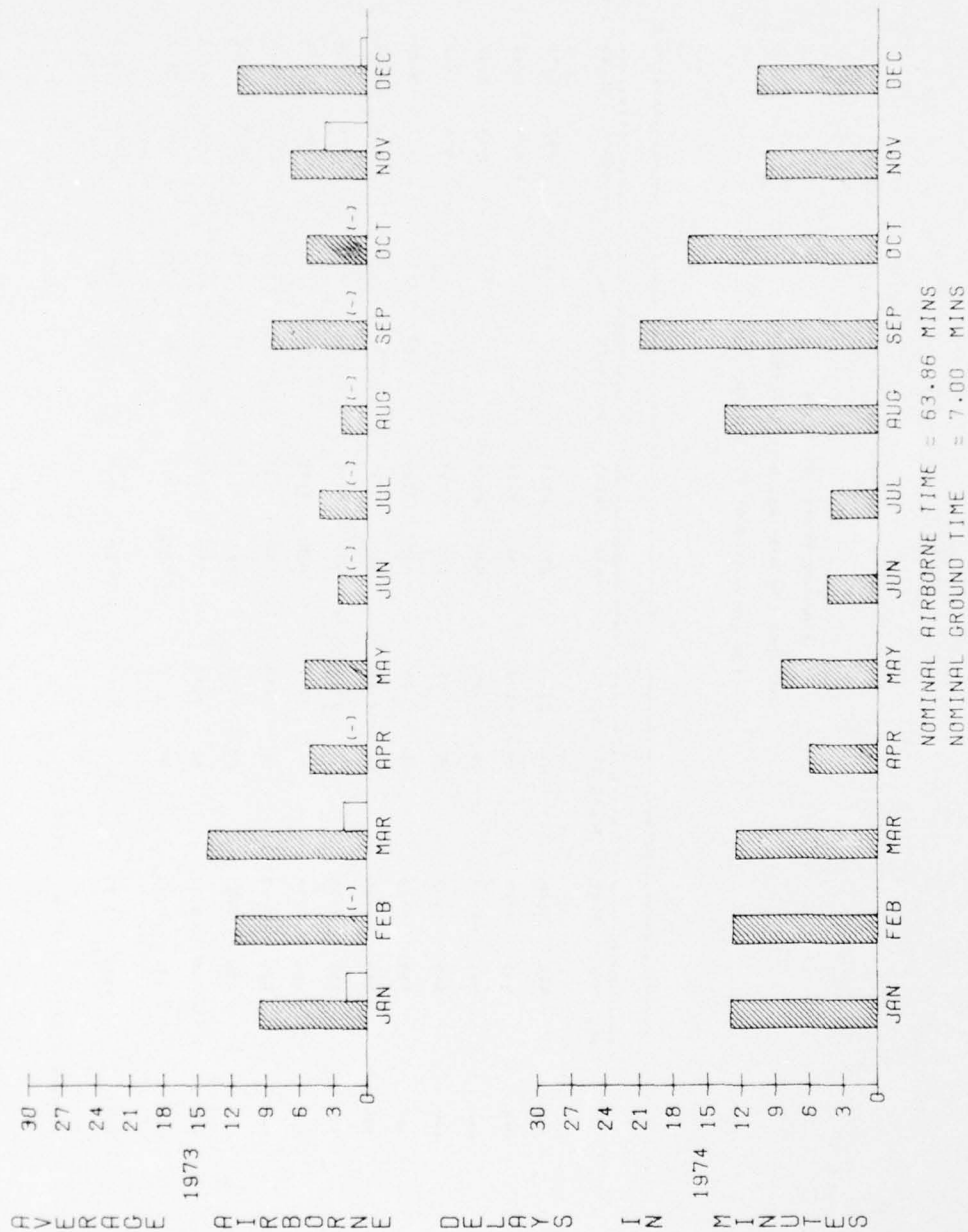


TABLE I-1-45

ALPHABETIC DELAYS BY MONTH
 AVERAGES FOR HUSV VS. DULL INTERVALS
 FOR ROUTE SEGMENT PIT ==> PHU

	-----1973-----				-----1974-----				-----1975-----			
	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSV #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	595	0:09	63	0:07	297	0:11	50	0:11	892	0:10	93	0:08
FEB	533	0:11	55	0:09	466	0:12			909	0:11	55	0:09
MAR	591	0:11	59	0:08	346	0:11			937	0:11	59	0:08
APR	568	0:12	55	0:11	348	0:11			916	0:12	55	0:11
MAY	569	0:12	60	0:09	452	0:15	31	0:11	1001	0:13	91	0:10
JUN	518	0:15	59	0:14	418	0:15	30	0:12	936	0:15	89	0:13
JUL	531	0:13	58	0:11	425	0:15	30	0:11	956	0:14	88	0:11
AUG	569	0:13	62	0:10	625	0:15	31	0:12	1194	0:14	93	0:11
SEP	541	0:12	56	0:09	592	0:15	30	0:10	1133	0:14	86	0:09
OCT	424	0:14	47	0:13	624	0:14	31	0:11	1053	0:14	118	0:12
NOV	459	0:12	30	0:12	559	0:14	27	0:11	1018	0:13	57	0:12
DEC	446	0:14	30	0:08	564	0:13	28	0:11	1035	0:13	58	0:10
TOTAL	6340	0:12	674	0:10	5726	0:14	268	0:11	12070	0:13	942	0:10

NOMINAL ALPHABETIC TIME = 0:33

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-45

ROUTE SEGMENT PIT TO PHL

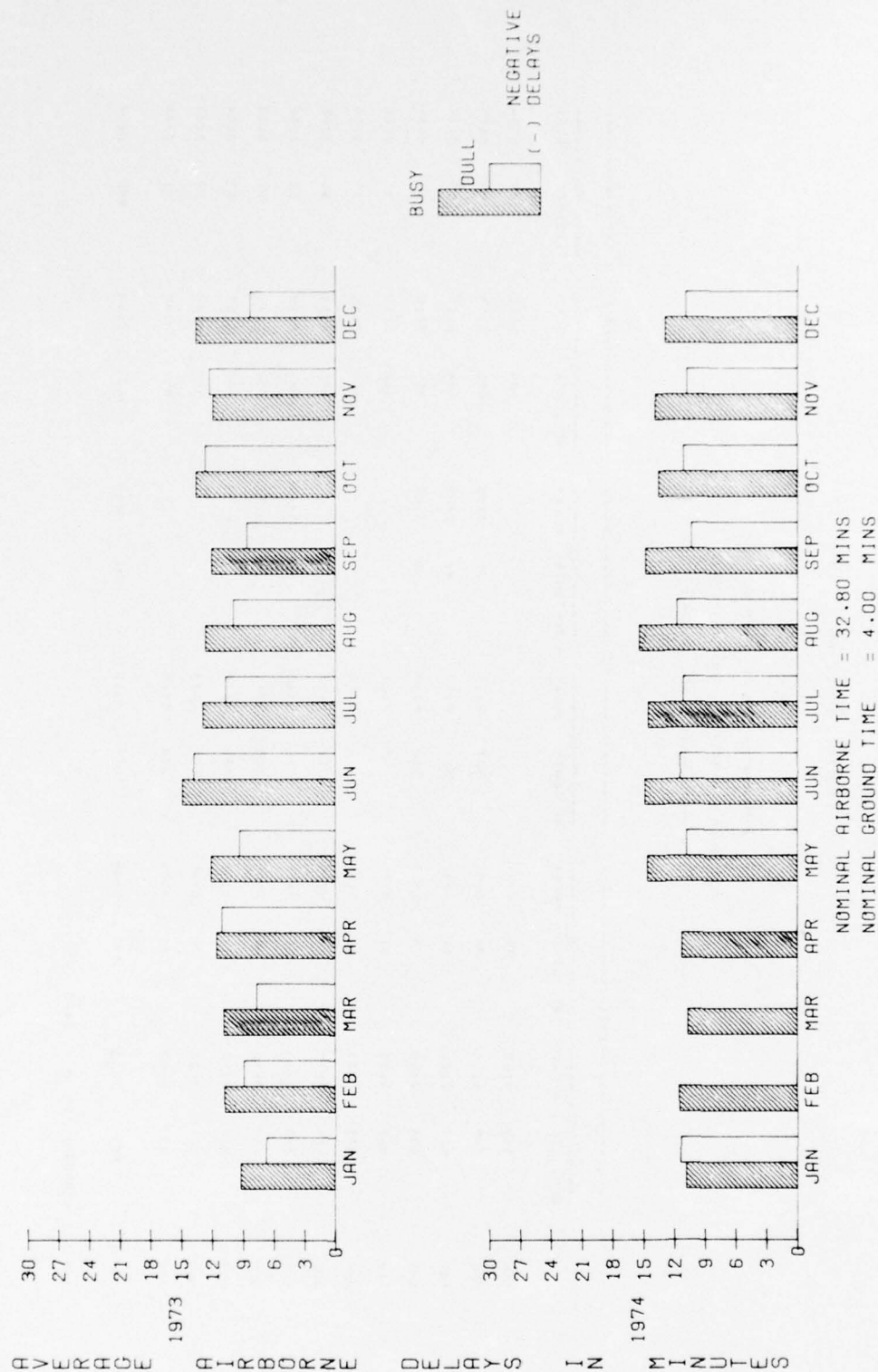


TABLE I-1-46

AIROBONE DELAYS BY MONTH
 AVERAGES FOR RUSY VS. DULL INTERVALS
 FOR ROUTE SEGMENT SEA ==> SFD

	1973			1974			TOTAL		
	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS	RUSY #FLIGHTS	DELAY	DULL #FLIGHTS
JAN	385	0:13	29				385	0:13	29
FEB	370	0:15	28	327	0:10	20	697	0:13	48
MAR	417	0:11	51	361	0:12	22	778	0:11	53
APR	403	0:09	30	348	0:10	9	751	0:10	39
MAY	461	0:13	51	3	0:21		464	0:13	31
JUN	437	0:13	50	13	0:15		450	0:13	30
JUL	427	0:13	51	14	0:14		441	0:13	51
AUG	472	0:13	31	469	0:14	31	941	0:14	62
SEP	432	0:12	50	349	0:13	23	781	0:13	53
OCT	418	0:12	31	329	0:12	51	747	0:12	62
NOV	360	0:14	29	201	0:13		561	0:13	29
DEC	337	0:09	51	214	0:09		551	0:09	31
TOTAL	4919	0:13	362	2628	0:12	136	7547	0:12	498

NOMINAL AIROBONE TIME = 1:23

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-46

ROUTE SEGMENT SEA TO SFO

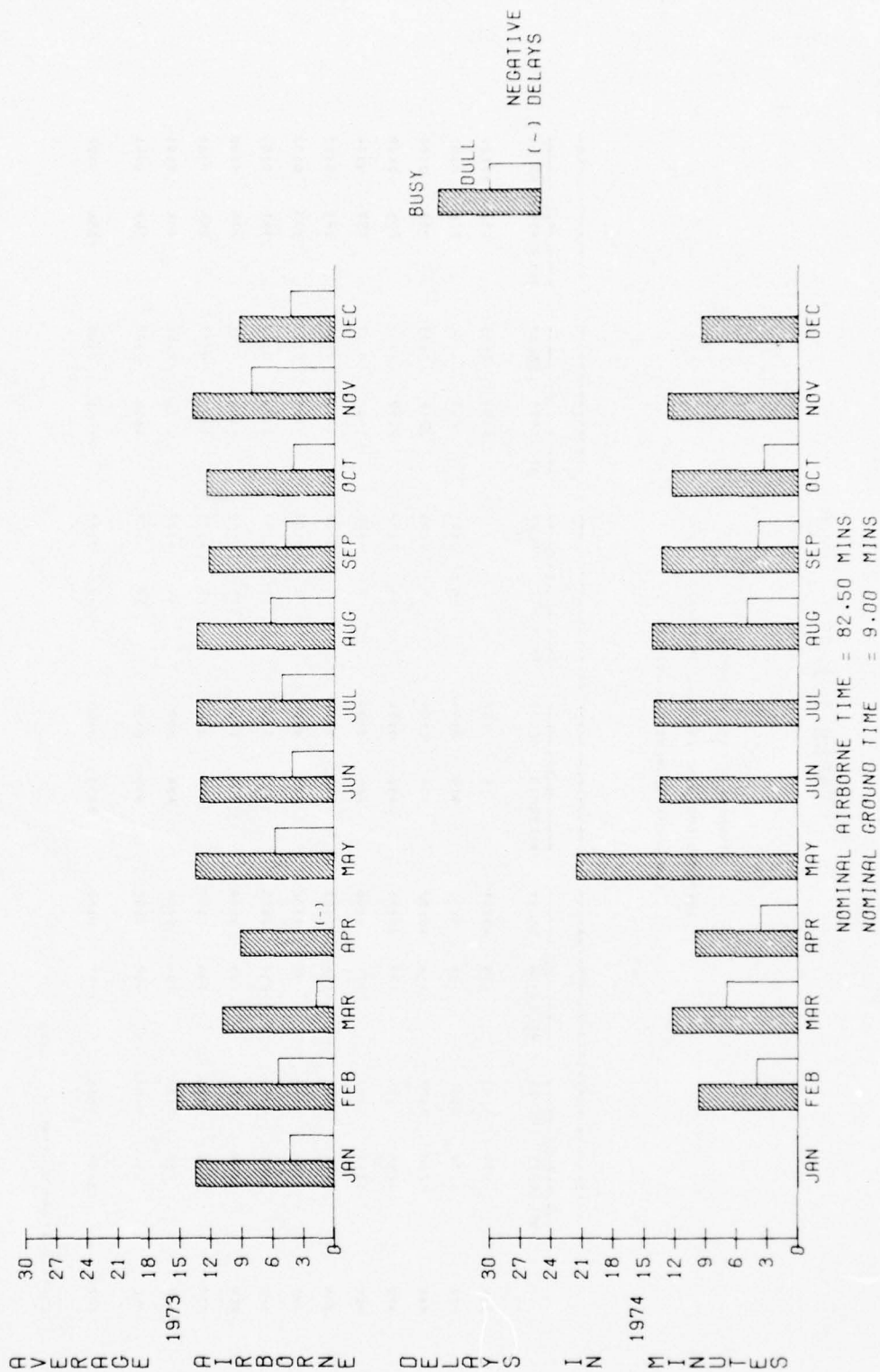


TABLE I-1-47

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT SFO ==> LAX

	-----1973-----				-----1974-----				-----1975-----			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	1175	0:03	133	-0:01	18	0:07			1193	0:03	133	-0:01
FEB	1174	0:05	120	0:01	919	0:04	86	0:01	2093	0:05	206	0:01
MAR	1246	0:03	136	-0:02	930	0:06	97	0:03	2216	0:05	233	0:00
APR	1255	0:04	129	-0:01	852	0:04	96	0:02	2107	0:04	225	0:00
MAY	1354	0:07	135	0:04	206	0:09	2	0:04	1540	0:07	137	0:04
JUN	1208	0:06	116	0:01	204	0:08	5	0:08	1412	0:06	121	0:02
JUL	1190	0:06	99	0:02	208	0:09	4	0:04	1398	0:07	103	0:02
AUG	1261	0:07	200	0:05	1215	0:07	151	0:04	2476	0:07	351	0:05
SEP	1066	0:07	145	0:04	1040	0:08	125	0:04	2146	0:07	270	0:04
OCT	1013	0:06	136	0:04	1059	0:09	119	0:04	2072	0:07	255	0:04
NOV	890	0:04	106	0:01	684	0:05	60	0:02	1574	0:04	166	0:01
DEC	956	0:04	102	0:01	658	0:05	54	0:02	1614	0:04	156	0:01
TOTAL	13408	0:05	1557	0:02	8033	0:06	799	0:03	21841	0:06	2356	0:02

NOMINAL AIRBORNE TIME = 0:46

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-47
ROUTE SEGMENT SFO TO LAX



TABLE I-1-48

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT SF0 ==> (00)

	1973				1974				T A L			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	314	0:16	93	0:04	138	0:01			452	0:11	93	0:04
FEB	278	0:19	87	0:04	307	0:11	75	0:04	485	0:15	162	0:04
MAR	318	0:26	93	0:14	318	0:05	86	-0:01	636	0:16	179	0:07
APR	308	0:14	89	0:11	326	0:09	88	0:04	634	0:11	177	0:07
MAY	354	0:11	96	0:09	140	0:04			494	0:09	96	0:09
JUN	340	0:07	88	0:01	158	0:08			478	0:08	88	0:01
JUL	349	0:09	90	-0:01	139	0:05			488	0:08	90	-0:01
AUG	433	0:06	93	-0:00	423	0:18	87	0:01	856	0:12	180	0:00
SEP	349	0:14	77	0:04	362	0:23	68	0:04	711	0:18	145	0:04
OCT	344	0:09	63	0:05	349	0:25	58	0:07	693	0:17	121	0:06
NOV	252	-0:04	59	-0:05	303	0:13	101	0:05	555	0:05	160	0:01
DEC	264	0:12	67	0:06	314	0:17	78	0:07	578	0:15	145	0:07
TOTAL	3903	0:12	995	0:05	3257	0:14	641	0:04	7160	0:12	1636	0:04

MINIMAL AIRBORNE TIME = 3:25

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-48

ROUTE SEGMENT SFO TO ORD

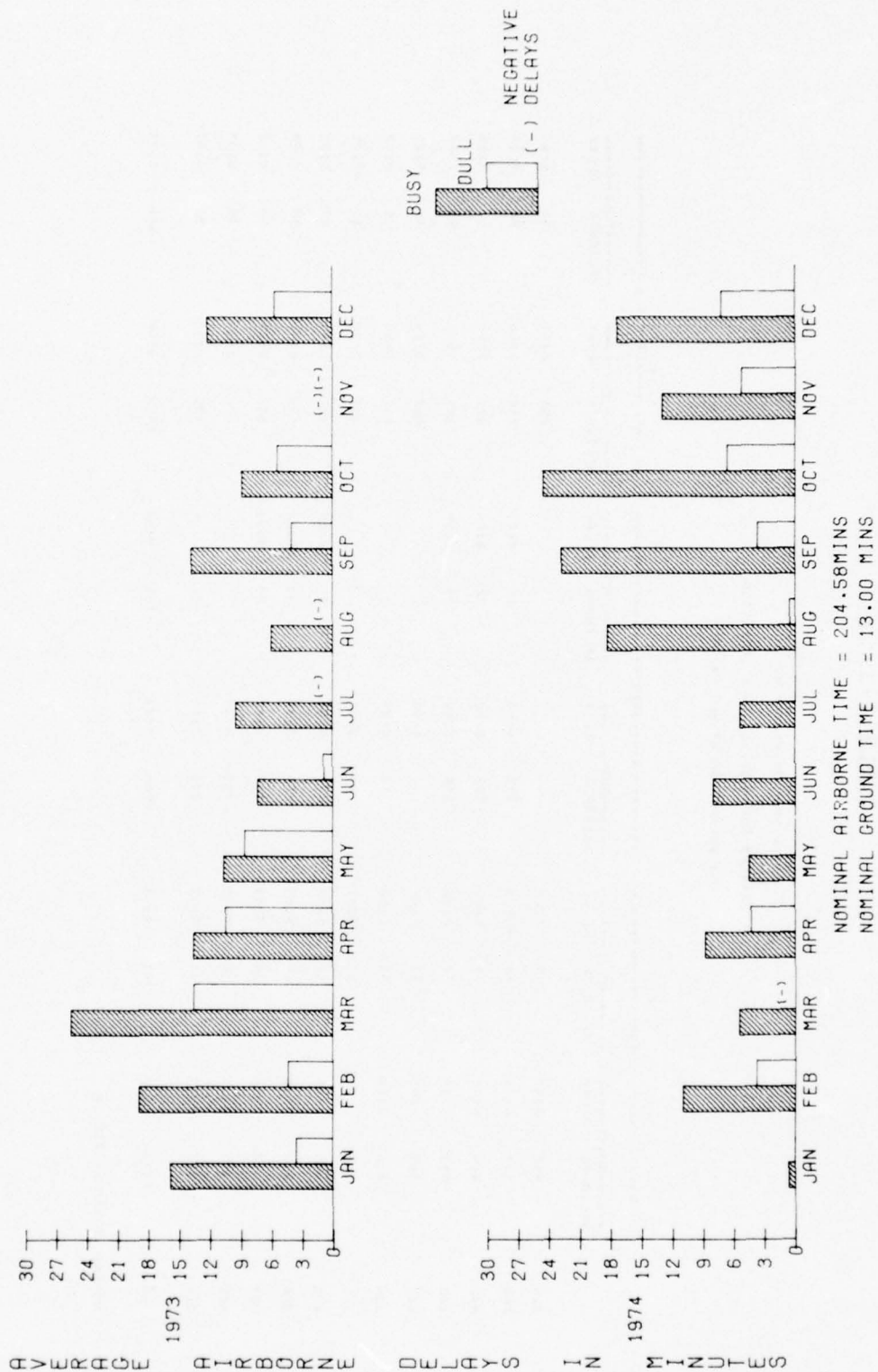


TABLE I-1-49

AIRBORNE DELAYS BY MONTH
AVERAGES FOR HUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT SFO > SFA

	1973				1974				TOTAL			
	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY	HUSY #FLIGHTS	DELAY	DULL #FLIGHTS	DELAY
JAN	450	0:07	50	0:03					450	0:07	50	0:03
FEB	377	0:03	24	-0:00	553	0:10	20	0:07	730	0:06	44	0:03
MAR	419	0:08	31	0:05	592	0:08	22	0:05	411	0:08	53	0:05
APR	407	0:09	30	0:07	574	0:09	23	0:04	745	0:09	53	0:06
MAY	465	0:04	31	0:01	4	0:04			469	0:04	31	0:01
JUN	434	0:04	30	0:02	13	0:01			447	0:04	30	0:02
JUL	451	0:02	31	-0:01	26	0:01			477	0:02	31	-0:01
AUG	485	0:03	51	0:00	472	0:04	31	0:00	957	0:04	62	0:00
SEP	423	0:04	29	0:05	436	0:04	30	-0:02	459	0:04	59	0:02
OCT	413	0:06	29	0:04	419	0:07	29	0:01	432	0:07	54	0:02
NOV	391	0:08	30	0:08	230	0:09			621	0:09	30	0:08
DEC	391	0:10	31	0:07	243	0:13			634	0:11	31	0:07
TOTAL	5106	0:06	361	0:03	2966	0:07	155	0:02	4072	0:06	516	0:03

NOMINAL AIRBORNE TIME = 1:24

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-49
ROUTE SEGMENT SFO TO SEA

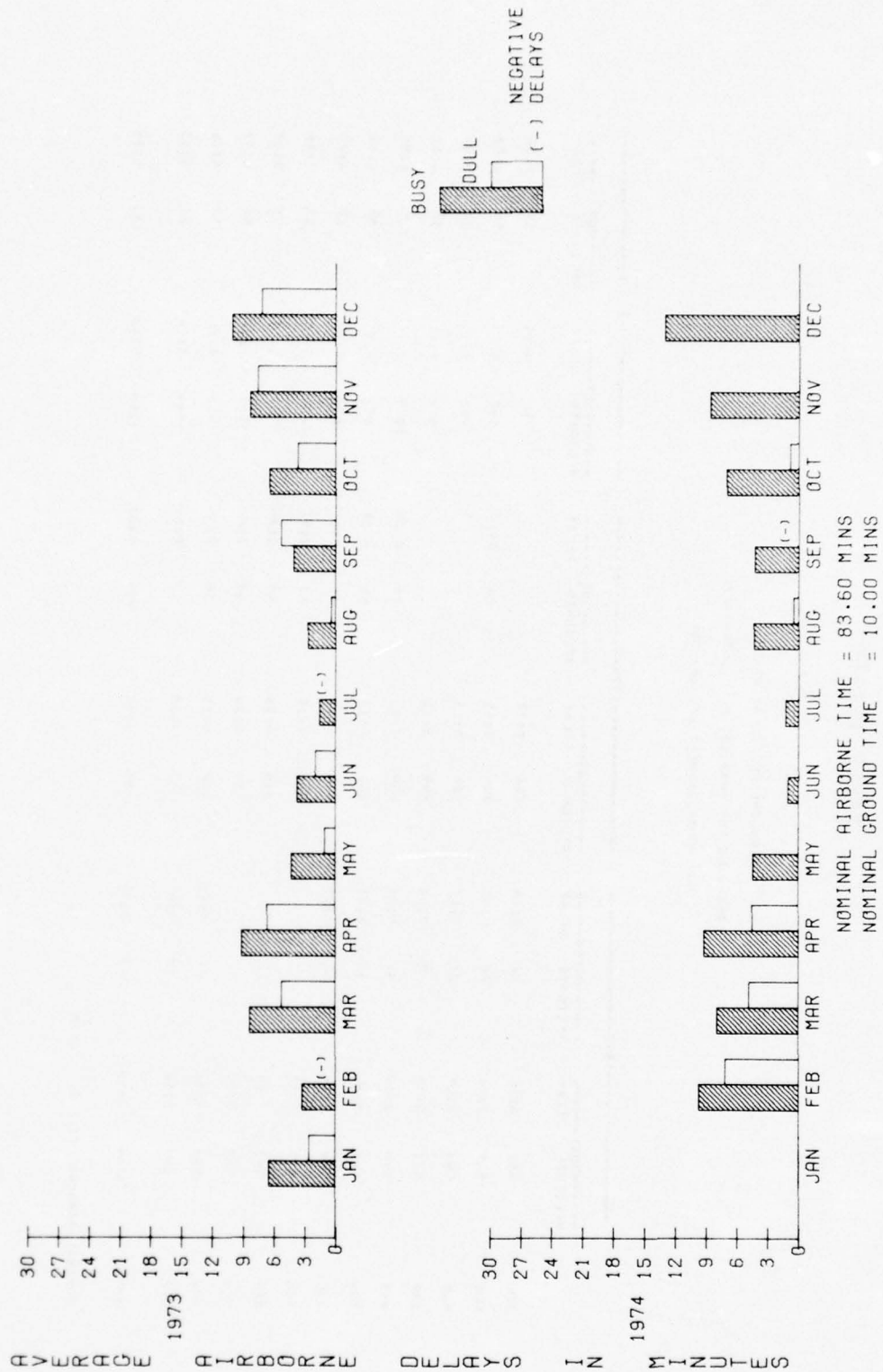


TABLE I-1-50

AIRBORNE DELAYS BY MONTH
AVERAGES FOR BUSY VS. DULL INTERVALS
FOR ROUTE SEGMENT STL => ORD

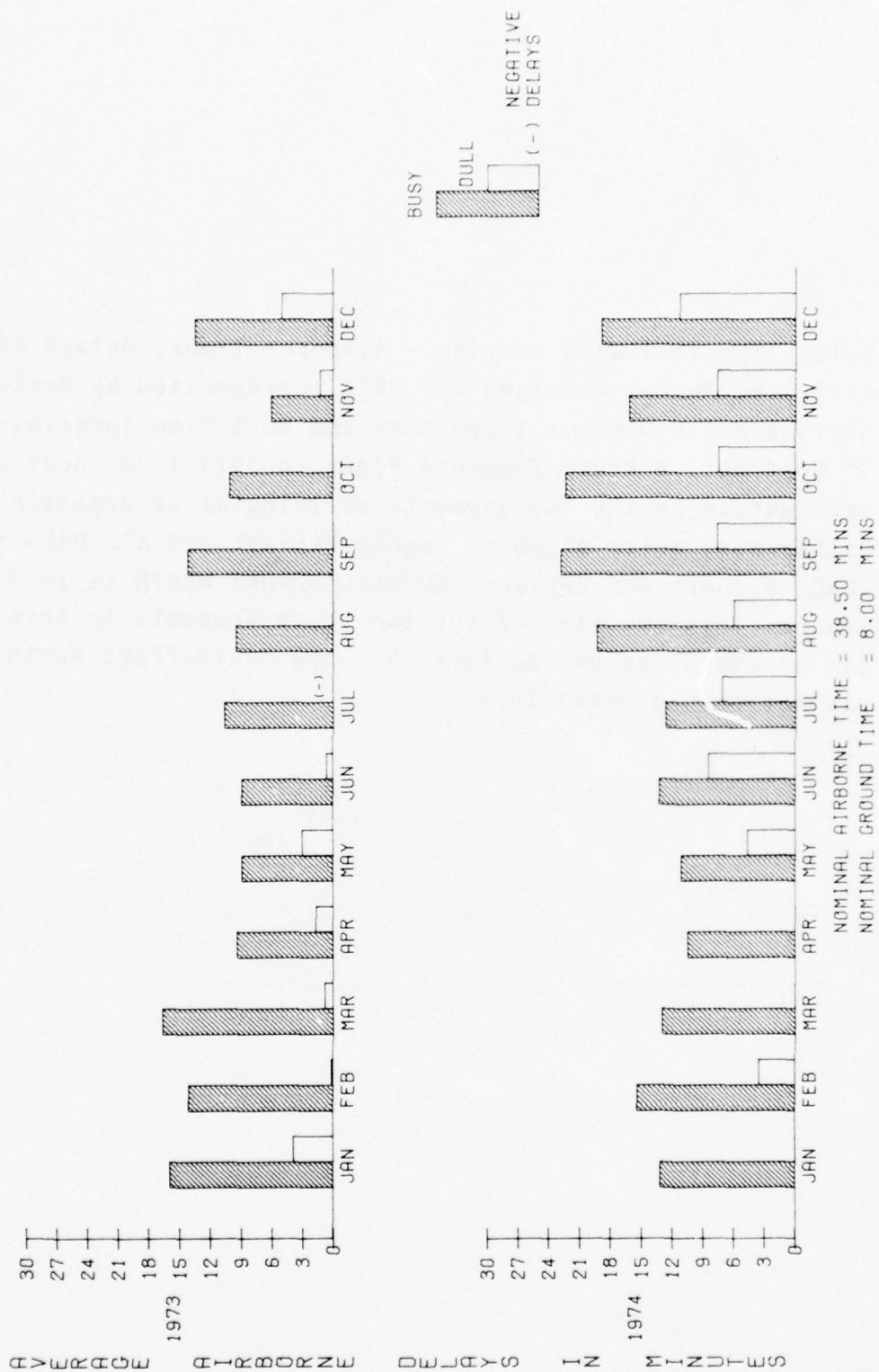
	1973				1974				TOTAL			
	BUSY		DULL		BUSY		DULL		BUSY		DULL	
	FLIGHTS	DELAY	FLIGHTS	DELAY	FLIGHTS	DELAY	FLIGHTS	DELAY	FLIGHTS	DELAY	FLIGHTS	DELAY
JAN	537	0:16	51	0:04	243	0:15			740	0:15	31	0:04
FEB	557	0:14	28	0:00	305	0:15	28	0:04	862	0:15	56	0:02
MAR	593	0:17	27	0:01	305	0:15			898	0:15	27	0:01
APR	521	0:09	50	0:02	299	0:10			820	0:10	30	0:02
MAY	490	0:09	31	0:03	539	0:11	79	0:05	1029	0:10	110	0:04
JUN	388	0:09	30	0:01	444	0:13	55	0:08	832	0:11	85	0:06
JUL	414	0:11	31	0:00	415	0:13	31	0:07	829	0:12	62	0:03
AUG	631	0:10			569	0:19	57	0:06	1200	0:14	57	0:06
SEP	541	0:14			496	0:23	55	0:08	1037	0:18	55	0:08
OCT	560	0:10			507	0:22	58	0:07	1067	0:16	58	0:07
NOV	542	0:06	21	0:01	408	0:16	30	0:08	950	0:10	51	0:05
DEC	495	0:10	14	0:05	359	0:19	14	0:11	854	0:16	28	0:08
TOTAL	6269	0:12	243	0:02	4889	0:16	407	0:07	11158	0:14	650	0:05

NOMINAL AIRBORNE TIME = 0:34

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE I-1-50

ROUTE SEGMENT STL TO ORD



NOTE: The following section - Airborne Times, Delays and Flight Activity, Annual Averages for 1973, Categorized by Route Segment, Airline and Equipment Type, Busy and Dull Time Intervals, for the 50 Most Active Route Segments Flown in 1972-1973- does not include information on the two segments arriving at or departing from Dallas/Fort Worth airport, namely DAL-ATL and ATL-DAL - the DALLAS (DAL) airport was replaced by DALLAS/FORT WORTH in 1973-1974 report. This omission of the two route segments in this section can be explained by the fact that the Dallas/Fort Worth airport was not opened until 1974.

TABLE I-2-1

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL => MIA
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG AIR TIME	DELAY	FLIGHTS	AVG AIR TIME	DELAY	
DL	630 DC-9-10	1	1:15	0:00				1:15 (7209)
	640 DC-9-50	6	1:19	0:04	21	1:15	0:00	1:15 (7209)
	710 H-727-100				3	1:14	-0:00	1:15 (7209)
	715 H-727-200	8	1:19	0:04	2	1:20	0:05	1:15 (7209)
	730 DC-10-10	58	1:17	0:02	136	1:16	0:02	1:15 (7209)
	816 H-747	506	1:16	0:02	4	1:12	-0:05	1:15 (7209)
	825 CV-440	8	1:17	0:02				1:15 (7209)
	848 DC-8-50	66	1:18	0:05	1	1:14	-0:01	1:15 (7209)
	848 DC-8-50	646	1:20	0:05	9	1:17	0:02	1:15 (7209)
	851 DC-8-61	513	1:22	0:07	72	1:16	0:01	1:15 (7209)
TOTAL		1592	1:20	0:05	248	1:16	0:01	
FA	630 DC-9-10	2	1:25	0:04				1:15 (7209)
	640 DC-9-50	410	1:24	0:10				1:15 (7209)
	710 H-727-100	147	1:20	0:06	91	1:18	0:03	1:15 (7209)
	711 H-727-100C/DC	223	1:20	0:05	3	1:18	0:05	1:15 (7209)
	715 H-727-200	43	1:24	0:09	1	1:24	0:19	1:15 (7209)
	760 L-1011	2	1:16	0:02	103	1:15	0:00	1:15 (7209)
	842 DC-8-20	1	1:20	0:05	1	1:17	0:02	1:15 (7209)
	TOTAL	828	1:22	0:08	199	1:17	0:02	
NA	710 H-727-100	564	1:25	0:08				1:15 (7209)
	715 H-727-200	9	1:24	0:09				1:15 (7209)
	808 H-707-300H	9	1:23	0:08				1:15 (7209)
	809 H-707-300C	75	1:22	0:08				1:15 (7209)
	TOTAL	457	1:25	0:08				
UA	620 H-737-200	248	1:27	0:12				1:15 (7209)
	710 H-727-100	109	1:21	0:06	26	1:19	0:04	1:15 (7209)
	711 H-727-100C/DC	14	1:20	0:05	55	1:19	0:04	1:15 (7209)

TABLE I-2-1 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ATL ==> MIA (CONTINUED) STAGE LENGTH = 595 ST. MILES									
AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----OUL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
UA (CONT)	715 R-727-200	213	1:22	0:07	4	1:45	0:50		1:15 (7209)
	TOTAL	584	1:24	0:09	85	1:20	0:05		
ROUTE SUMMARY		3461	1:21	0:07	532	1:17	0:02		

TABLE I-2-2

ALBANY DELAYS DURING 1975
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL >>> ORD
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	
DL	630 DC-9-10	61	1:53	0:14				1:15 (7204)
	640 DC-9-30	369	1:29	0:14	5	1:50	0:15	1:15 (7204)
	710 H-727-100	1	1:26	0:11				1:15 (7204)
	715 H-727-200	4	1:26	0:11				1:15 (7204)
	810 H-707	150	1:50	0:15	1	1:17	0:02	1:15 (7204)
	825 CV-880	193	1:27	0:12	1	1:14	0:05	1:15 (7204)
	844 DC-8-50	334	1:56	0:21	3	1:51	0:17	1:15 (7204)
	848 DC-8-50	363	1:59	0:24	155	1:25	0:10	1:15 (7204)
	851 DC-8-61	216	1:51	0:16	139	1:25	0:10	1:15 (7204)
	TOTAL	1695	1:53	0:14	282	1:25	0:10	
FA	630 DC-9-10	47	1:53	0:14				1:15 (7204)
	640 DC-9-30	640	1:52	0:14	94	1:24	0:09	1:15 (7204)
	710 H-727-100	197	1:50	0:15	121	1:25	0:11	1:15 (7204)
	711 H-727-100/DC	386	1:28	0:13	2	1:26	0:11	1:15 (7204)
	715 H-727-200	236	1:27	0:12	440	1:22	0:07	1:15 (7204)
	760 L-1011	104	1:24	0:09	130	1:22	0:07	1:15 (7204)
	842 DC-8-20	16	1:22	0:04				1:15 (7204)
	851 DC-8-61	27	1:24	0:09				1:15 (7204)
	856 DC-8-63	6	1:21	0:06				1:15 (7204)
	TOTAL	1659	1:29	0:15	787	1:23	0:04	
NW	710 H-727-100	923	1:54	0:20				1:15 (7204)
	715 H-727-200	77	1:52	0:17				1:15 (7204)
	TOTAL	1000	1:54	0:19				
ROUTE SUMMARY		4354	1:52	0:17	1069	1:23	0:04	

TABLE I-2-3

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT NOS ==> DCA
STAGE LENGTH = 390 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2059)-----			-----DULL (2100-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG AIR TIME	AVG DELAY	FLIGHTS	AVG AIR TIME	AVG DELAY	
AA	710 H-727-100	1553	1:04	0:04				0:59 (7210)
	715 H-727-200	944	1:04	0:04				0:59 (7210)
	TOTAL	2297	1:04	0:04				
AL	430 CV-580	1	1:34	0:04				1:30 (7204)
	605 H-111-200	76	1:12	0:12				0:59 (7210)
	640 DC-9-50	48	1:07	0:07				0:59 (7210)
	TOTAL	125	1:10	0:10				
DL	640 DC-9-50	572	1:02	0:02				0:59 (7210)
	710 H-727-100	456	1:00	0:01				0:59 (7210)
	715 H-727-200	1120	1:00	0:00				0:59 (7210)
	TOTAL	2148	1:01	0:01				
EA	550 1-188A-0R/1R6C	15	1:24	-0:02				1:30 (7204)
	630 DC-9-10	312	1:03	0:03				0:59 (7210)
	640 DC-9-50	1076	1:06	0:06				0:59 (7210)
	710 H-727-100	93	1:02	0:03				0:59 (7210)
	711 H-727-100C/DC	96	1:04	0:05				0:59 (7210)
	715 H-727-200	44	1:05	0:05				0:59 (7210)
	TOTAL	1640	1:05	0:05				
ROUTE SUMMARY		6250	1:03	0:04				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-4

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT RUS ==> FWR
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----RUS (0700-2259)-----			-----DUL (2300-0659)-----			ORIGINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-SN	173	0:43	0:03	45	0:43	0:03	0:40 (7210)
	710 H-727-100	249	0:41	0:02				0:40 (7210)
	715 H-727-200	561	0:46	0:06	218	0:40	0:01	0:40 (7210)
	825 CV-880	1	0:48	0:08	263	0:41	0:01	0:40 (7210)
	TOTAL	784	0:44	0:04				
EA	550 L-1011A-04/1MHC	1105	0:55	0:15				0:40 (7212)
	640 DC-9-50	2713	0:46	0:06				0:40 (7210)
	710 H-727-100	165	0:45	0:06				0:40 (7210)
	711 H-727-100C/UC	73	0:46	0:07	25	0:38	-0:02	0:40 (7210)
	715 B-727-200	33	0:45	0:06	1	0:41	0:01	0:40 (7210)
	760 L-1011	15	0:46	0:06	26	0:38	-0:01	0:40 (7210)
	842 DC-8-20							
	TOTAL	4102	0:48	0:09				
NA	715 H-727-200	7	0:44	0:05				0:40 (7210)
	TOTAL	7	0:44	0:05				
ROUTE SUMMARY		4893	0:47	0:08	289	0:40	0:01	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-5

AIROHNA DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT RUS ==> JFK
STAGE LENGTH = 147 ST. MILES

AIRLINE	AIRCRAFT	FLIGHTS	AVG AIR TIME	AVG AIR DELAY	FLIGHTS	AVG AIR TIME	AVG AIR DELAY	NOMINAL TIME (DATE)
-----RUS (0700-2259)-----								
AA	710 R-727-100	135	0:40	0:11				0:29 (7203)
	715 R-727-200	4	0:38	0:10				0:29 (7203)
	730 DC-10-10	46	0:56	0:04				0:29 (7203)
	802 R-707-100R	305	0:40	0:11				0:29 (7203)
	808 R-707-300H	61	0:43	0:14				0:29 (7203)
	809 R-707-300C	109	0:41	0:12	143	0:44	0:16	0:29 (7203)
	TOTAL	700	0:40	0:11	143	0:44	0:16	
-----DUL (2300-0659)-----								
DL	640 DC-9-30	344	0:44	0:15				0:29 (7203)
	710 R-727-100	154	0:44	0:19	4	0:54	0:09	0:29 (7203)
	715 R-727-200	412	0:59	0:10	23	0:57	0:04	0:29 (7203)
	825 CV-440	45	0:59	0:11	146	0:59	0:10	0:29 (7203)
	848 DC-4-50				1	0:41	0:12	0:29 (7203)
	TOTAL	1035	0:42	0:15	174	0:54	0:10	
-----FAT (0700-2259)-----								
FA	630 DC-9-10				2	0:53	0:25	0:29 (7203)
	640 DC-9-30				140	0:54	0:09	0:29 (7203)
	710 R-727-100	417	0:57	0:04	69	0:56	0:07	0:29 (7203)
	711 R-727-100C/DC	21	0:54	0:10	142	0:59	0:10	0:29 (7203)
	715 R-727-200	1	0:51	0:02	74	0:57	0:04	0:29 (7203)
	TOTAL	439	0:57	0:04	431	0:54	0:09	
-----NA (0700-2259)-----								
NA	710 R-727-100	183	0:45	0:16				0:29 (7203)
	715 R-727-200	640	0:41	0:12				0:29 (7203)
	842 DC-4-20	22	0:46	0:17				0:29 (7203)
	848 DC-4-50	25	0:43	0:14				0:29 (7203)
	850 DC-4-50F	50	0:45	0:17				0:29 (7203)
	851 DC-4-61	11	0:50	0:22				0:29 (7203)
	TOTAL	971	0:42	0:14				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-5 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT RUS → JFK (CONTINUED) STAGE LENGTH = 147 ST. MILES									
AIRLINE	AIRCRAFT	-----RUS (0700-2259)-----			-----DUL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG DELAY	#FLIGHTS	AVG AIR TIME	AVG DELAY		
PA	R04 H-707-300H	55	0:47	0:18				0:29	(7203)
	R09 H-707-300C	16	0:47	0:18	81	0:39	0:10	0:29	(7203)
	TOTAL	71	0:47	0:18	81	0:39	0:10		
TW	710 H-727-100	64	0:38	0:10				0:29	(7203)
	711 H-727-100C/DC	19	0:39	0:11				0:29	(7203)
	715 H-727-200	5	0:39	0:11				0:29	(7203)
	R02 H-707-100H	1	0:35	0:06				0:29	(7203)
	R06 H-707-300	44	0:46	0:18				0:29	(7203)
	R08 H-707-300H	36	0:41	0:12				0:29	(7203)
	R09 H-707-300C	2	0:58	0:09				0:29	(7203)
	TOTAL	169	0:41	0:13					
UA	R50 DC-H-SOF	37	0:39	0:10				0:29	(7203)
	TOTAL	37	0:39	0:10					
ROUTE SUMMARY		5402	0:41	0:12	829	0:39	0:10		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-6

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT RUS ==> LGA STAGE LENGTH = 185 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----IDLE (2300-0659)-----			NOMINAL TIME (DATE)	
		FLIGHTS	AVG AIR TIME	DELAY	FLIGHTS	AVG AIR TIME	DELAY		
AA	710 H-727-100	1369	0:139	0:09				0:30	(7211)
	715 H-727-200	889	0:140	0:10				0:30	(7211)
	730 DC-10-10	1	0:158	0:08				0:30	(7211)
	802 H-707-100H	1	0:155	0:05				0:30	(7211)
	TOTAL	2260	0:139	0:09					
DL	640 DC-9-30	411	0:137	0:07	58	0:138	0:08	0:30	(7211)
	710 H-727-100	85	0:143	0:13				0:30	(7211)
	715 H-727-200	5	0:134	0:04				0:30	(7211)
	730 DC-10-10	165	0:149	0:19				0:30	(7211)
	848 DC-8-50	1	0:155	0:05				0:30	(7211)
	TOTAL	667	0:140	0:10	58	0:138	0:08		
FA	550 L-188A-0R/188C	1983	0:148	0:10				0:38	(7209)
	640 DC-9-30	5384	0:139	0:09				0:30	(7211)
	710 H-727-100	627	0:139	0:09				0:30	(7211)
	711 H-727-100C/OC	60	0:141	0:11				0:30	(7211)
	715 H-727-200	87	0:140	0:10				0:30	(7211)
	760 L-1011	2	0:144	0:14				0:30	(7211)
	TOTAL	8123	0:141	0:09					
ROUTE SUMMARY		11050	0:141	0:09	58	0:138	0:08		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I 2-7

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT HQS ==> PHL
STAGE LENGTH = 280 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG AIR TIME	AVG AIR DELAY	FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	715 H-727-200	6	0:53	0:13				0:40 (7212)
	802 H-707-100H	84	0:56	0:16				0:40 (7212)
	808 H-707-300H	2	0:57	0:17				0:40 (7212)
	809 H-707-300C	3	1:02	0:22				0:40 (7212)
	TOTAL	95	0:56	0:16				
AL	430 CV-580	5	1:10	0:13				1:24 (7204)
	605 H-1-11-200	217	1:00	0:21				0:40 (7212)
	640 DC-9-30	4250	0:56	0:16				0:40 (7212)
	TOTAL	4470	0:56	0:17				
DL	640 DC-9-30	1028	0:55	0:14				0:40 (7212)
	710 H-727-100	548	0:54	0:14				0:40 (7212)
	715 H-727-200	455	0:55	0:15				0:40 (7212)
	730 DC-10-10	77	0:59	0:19				0:40 (7212)
	TOTAL	1908	0:54	0:14				
EA	710 H-727-100	95	0:55	0:13				0:40 (7212)
	711 H-727-100C/DC	1	0:52	0:12				0:40 (7212)
	715 H-727-200	15	0:53	0:13				0:40 (7212)
	TOTAL	109	0:53	0:13				
NA	710 H-727-100	10	0:54	0:14				0:40 (7212)
	715 H-727-200	180	0:57	0:17				0:40 (7212)
	TOTAL	190	0:57	0:17				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-8

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT CLF ==> DT4									
STAGE LENGTH = 95 ST. MILES									
AIRLINE	AIRCRAFT	BUSY (0700-2259)-----			DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
AL	430 CV-580	817	0:29	0:04				0:24 (7204)	
	640 DC-9-30	143	0:25	0:07				0:11 (7202)	
	TOTAL	960	0:28	0:05					
DL	640 DC-9-30	328	0:23	0:05				0:18 (7202)	
	TOTAL	328	0:23	0:05					
FA	640 DC-9-30	32	0:26	0:04	16	0:24	0:07	0:14 (7202)	
	710 H-727-100	28	0:24	0:07				0:14 (7202)	
	711 H-727-100C/DC	1	0:22	0:04				0:14 (7202)	
	715 H-727-200	127	0:25	0:04				0:14 (7202)	
	TOTAL	188	0:25	0:04	16	0:24	0:07		
NC	430 CV-580	2421	0:28	0:04				0:24 (7204)	
	640 DC-9-30	244	0:25	0:04	4	0:27	0:03	0:14 (7202)	
	TOTAL	2665	0:28	0:04	4	0:27	0:03		
NW	710 H-727-100	188	0:25	0:04	244	0:24	0:06	0:14 (7202)	
	715 H-727-200	268	0:25	0:07	55	0:23	0:06	0:14 (7202)	
	TOTAL	456	0:25	0:07	277	0:24	0:06		
UA	620 H-737-200	329	0:26	0:09				0:14 (7202)	
	711 H-727-100C/DC				79	0:23	0:05	0:14 (7202)	
	842 DC-8-20	H	0:25	0:04				0:14 (7202)	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-8 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT CLF ==> DTW (CONTINUED)									
STAGE LENGTH = 95 ST, MILES									
AIRLINE	AIRCRAFT	-----HUSV (0700-2259)-----				-----DILL (2300-0659)-----			
		#FLIGHTS	AVG AIR	TIME	DELAY	#FLIGHTS	AVG AIR	TIME	NOMINAL TIME (DATE)
UA (CONT)	844 DC-M-30	3	0:26	0:09					0:14 (7202)
	848 DC-M-50	2	0:22	0:04					0:14 (7202)
	850 DC-M-50F	2	0:21	0:04	242			0:24	0:14 (7202)
	851 DC-M-61								0:14 (7202)
	TOTAL	344	0:26	0:04	521			0:23	0:14
ROUTE SUMMARY		4941	0:27	0:05	618			0:24	0:14

TABLE I-2-9

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT DCA ==> NOS
STAGE LENGTH = 399 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----IDLE (2300-0659)-----			NOMINAL TIME (DATA)
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	
AA	710 H-727-100	1215	0:58	0:05				0:55 (7204)
	715 H-727-200	875	0:59	0:06				0:55 (7204)
	TOTAL	2090	0:59	0:06				
AL	605 H-1-11-200	24	1:01	0:08				0:55 (7204)
	640 DC-9-50	95	1:00	0:08				0:55 (7204)
	TOTAL	119	1:00	0:08				
DL	640 DC-9-50	908	0:59	0:07				0:55 (7204)
	710 H-727-100	397	0:57	0:04				0:55 (7204)
	715 H-727-200	1144	0:58	0:05				0:55 (7204)
	TOTAL	2449	0:59	0:06				
FA	550 I-144A-08/144C	10	1:14	0:04				1:10 (7212)
	630 DC-9-10	515	1:00	0:07				0:55 (7204)
	640 DC-9-50	928	1:00	0:07				0:55 (7204)
	710 H-727-100	90	0:54	0:05				0:55 (7204)
	711 H-727-100C/DC	20	0:57	0:04				0:55 (7204)
	715 H-727-200	407	0:58	0:05				0:55 (7204)
	TOTAL	1768	0:59	0:07				
ROUTE SUMMARY		6466	0:59	0:06				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-10

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> LGA
STAGE LENGTH = 214 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2500-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	
AA	710 H-727-100	1299	0:44	0:16				0:29 (7211)
	715 H-727-200	654	0:44	0:15				0:29 (7211)
	TOTAL	1953	0:44	0:15				
EA	550 L-188A-0M/14RC	2368	0:49	0:10				0:38 (7201)
	630 DC-9-10	1	0:42	0:14				0:29 (7211)
	640 DC-9-30	5104	0:43	0:15				0:29 (7211)
	710 H-727-100	554	0:44	0:15				0:29 (7211)
	711 H-727-100C/DC	34	0:46	0:18				0:29 (7211)
	715 H-727-200	164	0:46	0:18				0:29 (7211)
	TOTAL	8236	0:45	0:13				
NA	710 H-727-100	1	0:35	0:06				0:29 (7211)
	715 H-727-200	117	0:42	0:13				0:29 (7211)
	TOTAL	118	0:42	0:13				
ROUTE SUMMARY		10307	0:45	0:14				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-11

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> ORD
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)-----			IDLE (2300-0559)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	DELAY	
AA	710 B-727-100	2068	1:41	0:19				1:22 (7207)
	715 B-727-200	1775	1:39	0:17				1:22 (7207)
	TOTAL	3843	1:40	0:18				
TW	710 B-727-100	622	1:34	0:12				1:22 (7207)
	711 B-727-100C/DC	212	1:34	0:12				1:22 (7207)
	715 B-727-200	865	1:39	0:17				1:22 (7207)
	TOTAL	1719	1:37	0:15				
UA	620 B-737-200	23	1:46	0:24				1:22 (7207)
	710 B-727-100	549	1:41	0:19				1:22 (7207)
	711 B-727-100C/DC	451	1:41	0:19				1:22 (7207)
	715 B-727-200	1441	1:39	0:17				1:22 (7207)
	TOTAL	2464	1:40	0:18				
ROUTE SUMMARY		8026	1:39	0:17				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-12

ALPHABETICALLY BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DEN ==> ORD
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)-----			DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	
CO	635 DC-9-15F	5	1:50	0:09	9	1:53	0:12	1:41 (7212)
	715 H-727-200	341	1:52	0:11	2	1:41	0:00	1:41 (7212)
	730 DC-10-10	943	1:53	0:11	264	1:45	0:03	1:41 (7212)
	809 R-707-300C	1	1:56	0:15				1:41 (7212)
	814 H-720-000H	252	1:57	0:16				1:41 (7212)
	816 H-747	2	1:47	0:06	9	1:52	0:11	1:41 (7212)
TOTAL		1544	1:53	0:12	284	1:45	0:04	
TW	710 H-727-100	10	1:55	0:14				1:41 (7212)
	711 H-727-100C/DC	3	2:06	0:25				1:41 (7212)
	715 H-727-200	5	1:46	0:05				1:41 (7212)
	802 H-707-100H	45	1:53	0:12				1:41 (7212)
	804 H-707-300	1	1:50	0:09				1:41 (7212)
	804 H-707-300H	1	2:02	0:21				1:41 (7212)
TOTAL		1444	1:54	0:13				1:41 (7212)
UA	620 H-737-200	2	1:58	0:17	1	1:52	0:11	1:41 (7212)
	710 H-727-100	725	1:59	0:18	1	1:50	0:09	1:41 (7212)
	711 H-727-100C/UC	145	1:55	0:14				1:41 (7212)
	715 H-727-200	54	1:54	0:14	32	1:46	0:05	1:41 (7212)
	730 DC-10-10	804	1:55	0:14				1:41 (7212)
	842 DC-8-20	303	2:00	0:19				1:41 (7212)
UA	844 DC-8-30	133	1:58	0:16				1:41 (7212)
	848 DC-8-50	54	1:57	0:16				1:41 (7212)
	850 DC-8-50F	197	1:57	0:16	246	1:48	0:07	1:41 (7212)
	851 DC-8-61	8	1:53	0:12	1	1:47	0:06	1:41 (7212)
	854 DC-8-62							1:41 (7212)
TOTAL		2410	1:57	0:16	281	1:46	0:07	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-12 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT DEN ==> DRD (CONTINUED)									
STAGE LENGTH = 900 ST. MILES									
AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR	AVG AIR	#FLIGHTS	AVG AIR	AVG AIR	TIME	(DATE)
			TIME	DELAY		TIME	DELAY		
ROUTE SUMMARY		5063	1155	0:14	565	1:47	0:05		

TABLE I-2-13

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW ==> LGA
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	2125	1:12	0:09				1:04 (7210)
	715 R-727-200	1429	1:14	0:10				1:04 (7210)
	802 R-707-100H	1	1:04	0:00				1:04 (7210)
	TOTAL	3555	1:13	0:09				
NW	710 R-727-100	246	1:14	0:14				1:04 (7210)
	715 R-727-200	5	1:15	0:11				1:04 (7210)
	TOTAL	251	1:14	0:14				
UA	620 R-737-200	696	1:16	0:12				1:04 (7210)
	710 R-727-100	629	1:13	0:09				1:04 (7210)
	711 R-727-100C/DC	159	1:14	0:10				1:04 (7210)
	715 R-727-200	20	1:15	0:11				1:04 (7210)
	TOTAL	1504	1:15	0:11				
ROUTE SUMMARY		5310	1:14	0:10				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-14

ALBUQUERQUE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW >>> ORD
STAGE LENGTH = 235 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	351	0:47	0:09	1	0:59	0:00	0:58 (7205)
	715 R-727-200	248	0:45	0:06	1	0:42	0:03	0:58 (7205)
	730 DC-10-10	728	0:49	0:10	1	0:40	0:01	0:58 (7205)
	802 R-707-100H	770	0:49	0:11	201	0:41	0:02	0:58 (7205)
	808 R-707-300H	201	0:46	0:08	11	0:48	0:09	0:58 (7205)
	809 R-707-300C	258	0:47	0:09	81	0:42	0:03	0:58 (7205)
TOTAL	816 R-747	424	0:47	0:09	1	0:59	0:00	0:58 (7205)
	TOTAL	2980	0:48	0:09	297	0:41	0:03	
DL	640 DC-9-30	659	0:48	0:10				0:58 (7205)
	TOTAL	659	0:48	0:10				
EA	710 R-727-100	47	0:45	0:06				0:58 (7205)
	711 R-727-100C/DC	21	0:42	0:04				0:58 (7205)
	715 R-727-200	18	0:48	0:09				0:58 (7205)
	TOTAL	86	0:45	0:06				
NW	710 R-727-100	898	0:49	0:11	2	0:45	0:05	0:58 (7205)
	715 R-727-200	123	0:50	0:12				0:58 (7205)
	733 DC10-40	1	0:52	0:13	217	0:43	0:04	0:58 (7205)
	808 R-707-300H	13	0:44	0:05	16	0:45	0:05	0:58 (7205)
	809 R-707-300C	347	0:48	0:10	70	0:44	0:06	0:58 (7205)
	814 R-720-000H	4	0:51	0:12	1	0:46	0:04	0:58 (7205)
	816 R-747	224	0:51	0:13				0:58 (7205)
TOTAL	TOTAL	1606	0:49	0:11	306	0:43	0:05	
PA	809 R-707-300C	292	0:49	0:10				0:58 (7205)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-14 (Continued)

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW ==> ORD (CONTINUED)
STAGE LENGTH = 235 ST. MILES

AIRLINE	AIRCRAFT	PA (CONT)	TOTAL	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
				#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
				292	0:49	0:10				
UA	620 H-737-200			616	0:48	0:10				0:38 (7205)
	710 H-727-100			138	0:45	0:07				0:38 (7205)
	711 H-727-100C/DC			89	0:45	0:06				0:38 (7205)
	715 H-727-200			92	0:49	0:11				0:38 (7205)
	730 DC-10-10			83	0:43	0:05				0:38 (7205)
	816 H-747			34	0:47	0:09				0:38 (7205)
	842 DC-M-20			119	0:53	0:14				0:38 (7205)
	844 DC-8-30			43	0:50	0:12				0:38 (7205)
	848 DC-8-50			55	0:50	0:11				0:38 (7205)
	851 DC-R-61			142	0:51	0:13				0:38 (7205)
	854 DC-8-62			22	0:45	0:06				0:38 (7205)
	TOTAL			1435	0:48	0:10				
ROUTE SUMMARY										
				7056	0:48	0:10	603	0:42		0:04

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-15

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT EWR → BOS
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----HUSV (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	2	0:57	0:13	30	0:29	0:05	0:24 (7210)
	710 H-727-100	359	0:33	0:09	1	0:35	0:11	0:24 (7210)
	715 H-727-200				256	0:31	0:06	0:24 (7210)
	TOTAL	361	0:33	0:09	287	0:30	0:06	
EA	550 L-188A-0A/188C	1110	0:44	0:08				0:36 (7201)
	640 DC-9-30	2708	0:34	0:13				0:24 (7210)
	710 H-727-100	161	0:34	0:14	120	0:34	0:10	0:24 (7210)
	711 H-727-100C/DC	141	0:34	0:14				0:24 (7210)
	715 H-727-200	116	0:35	0:11	13	0:34	0:10	0:24 (7210)
	760 L-1011	13	0:36	0:12				0:24 (7210)
	842 DC-8-20	2	0:38	0:14				0:24 (7210)
NA	TOTAL	3191	0:39	0:12	133	0:34	0:10	
	710 H-727-100	5	0:34	0:10				0:24 (7210)
	715 H-727-200	112	0:36	0:12				0:24 (7210)
	TOTAL	117	0:36	0:12				
ROUTE SUMMARY		4649	0:39	0:12	420	0:32	0:07	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-16

AIRBORNE DELAYS DURING 1971
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ENR 220 (RD)
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	-----RUS (0700-2259)-----				-----DUL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	96	1:51	0:19						1:32 (7203)
	715 H-727-200	175	1:52	0:20						1:32 (7203)
	802 H-707-100H	1092	1:54	0:23						1:32 (7203)
	808 H-707-300H	85	1:51	0:19						1:32 (7203)
	809 H-707-300C	277	1:53	0:21		40	1:50	0:18		1:32 (7203)
TOTAL		1725	1:54	0:22		40	1:50	0:18		
TM	710 H-727-100	100	1:57	0:25						1:32 (7203)
	711 H-727-100C/DC	41	2:00	0:28						1:32 (7203)
	715 H-727-200	382	1:53	0:21						1:32 (7203)
	802 H-707-100H	158	1:48	0:16						1:32 (7203)
	806 H-707-300	1	1:46	0:14						1:32 (7203)
TOTAL		557	1:52	0:20						1:32 (7203)
UA	820 H-737-200	7	2:13	0:41						1:32 (7203)
	710 H-727-100	97	2:00	0:28						1:32 (7203)
	711 H-727-100C/DC	18	2:03	0:32		248	1:44	0:13		1:32 (7203)
	715 H-727-200	43	1:54	0:22						1:32 (7203)
	730 DC-10-10	624	1:50	0:19						1:32 (7203)
TOTAL	842 DC-8-20	104	1:58	0:26						1:32 (7203)
	844 DC-8-30	42	2:00	0:28						1:32 (7203)
	848 DC-8-50	42	1:58	0:26						1:32 (7203)
	850 DC-8-50F	466	2:00	0:28		250	1:47	0:16		1:32 (7203)
	851 DC-8-61	13	2:02	0:30						1:32 (7203)
TOTAL		1456	1:56	0:24		498	1:46	0:14		1:32 (7203)
ROUTE SUMMARY										
		4020	1:54	0:22		538	1:46	0:14		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-17

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT JFK ==> RUS
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	39	0:33	0:12				0:21 (7208)	
	730 DC-10-10	89	0:35	0:14				0:21 (7208)	
	802 H-707-100H	183	0:34	0:13	192	0:34	0:13	0:21 (7208)	
	808 H-707-100H	5	0:34	0:13	8	0:33	0:12	0:21 (7208)	
	809 R-707-300C	160	0:36	0:15	35	0:35	0:14	0:21 (7208)	
	816 H-747	1	0:39	0:16	1	0:35	0:14	0:21 (7208)	
	TOTAL	477	0:35	0:14	236	0:34	0:13		
DL	640 DC-9-30	266	0:33	0:12	306	0:27	0:06	0:21 (7208)	
	710 H-727-100	81	0:28	0:07				0:21 (7208)	
	715 H-727-200	486	0:30	0:09	76	0:31	0:10	0:21 (7208)	
	730 DC-10-10	165	0:38	0:17				0:21 (7208)	
	825 CV-880	85	0:26	0:05	147	0:29	0:08	0:21 (7208)	
	TOTAL	1083	0:32	0:11	529	0:28	0:07		
FA	710 H-727-100	3	0:36	0:15	33	0:34	0:13	0:21 (7208)	
	711 H-727-100C/DC	164	0:36	0:15	226	0:34	0:13	0:21 (7208)	
	715 H-727-200	55	0:36	0:15	11	0:34	0:13	0:21 (7208)	
	TOTAL	222	0:36	0:15	270	0:34	0:13		
NA	710 R-727-100	86	0:34	0:13				0:21 (7208)	
	715 H-727-200	621	0:35	0:14				0:21 (7208)	
	TOTAL	707	0:35	0:14					
PA	808 H-707-100H	48	0:40	0:19				0:21 (7208)	
	809 R-707-300C	118	0:39	0:18				0:21 (7208)	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-17 (Continued)

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => BOS (CONTINUED)
STAGE LENGTH = 147 ST. MILES

AIRLINE	AIRCRAFT	-----HUSV (0700-2259)----- #FLIGHTS	AVG AIR TIME	AVG AIR DELAY	-----DULI (2300-0659)----- #FLIGHTS	AVG AIR TIME	AVG AIR DELAY	NOMINAL TIME (DATE)
PA (CONT)	TOTAL	166	0:59	0:19				
TM	710 H-727-100							
	711 H-727-100C/DC	65	0:56	0:15				0:21 (7206)
	715 H-727-200	19	0:56	0:15				0:21 (7206)
	806 H-707-500	2	0:56	0:16				0:21 (7206)
	808 H-707-500H	54	0:57	0:16				0:21 (7206)
	809 H-707-500C	9	0:57	0:16				0:21 (7206)
	TOTAL	209	0:57	0:16				0:21 (7206)
		558	0:57	0:16				
ROUTE SUMMARY		2995	0:54	0:13	1055	0:51	0:10	

TABLE I-2-18

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----IDLE (2300-0659)-----				NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
RN	802 R-707-100H	5	2:130	0:116						2:114 (7209)	
	804 DC-8-50	8	2:124	0:110						2:114 (7209)	
	854 DC-8-62	227	2:128	0:114						2:114 (7209)	
	TOTAL	240	2:124	0:114							
DL	640 DC-8-50	1	2:131	0:117						2:114 (7209)	
	710 H-727-100	14	2:123	0:109		4	2:120	0:107		2:114 (7209)	
	715 H-727-200	363	2:120	0:106		22	2:118	0:104		2:114 (7209)	
	730 DC-10-10	2	2:134	0:120						2:114 (7209)	
	760 L-1011	167	2:126	0:112						2:114 (7209)	
	816 R-747	1	2:124	0:114		150	2:105	-0:109		2:114 (7209)	
	825 CV-440									2:114 (7209)	
	851 DC-8-61	548	2:122	0:108		176	2:107	-0:107		2:114 (7209)	
FA	630 DC-8-10	5	2:129	0:116						2:114 (7209)	
	640 DC-8-50	50	2:134	0:121		1	2:123	0:109		2:114 (7209)	
	710 H-727-100	175	2:123	0:109		31	2:142	0:124		2:114 (7209)	
	711 H-727-100C/DC	429	2:119	0:106		24	2:122	0:109		2:114 (7209)	
	715 H-727-200	346	2:120	0:107		206	2:116	0:102		2:114 (7209)	
	760 L-1011	544	2:122	0:104		181	2:118	0:105		2:114 (7209)	
	802 DC-8-20	19	2:126	0:111		64	2:112	-0:101		2:114 (7209)	
	851 DC-8-61	19	2:122	0:108		12	2:118	0:105		2:114 (7209)	
	856 DC-8-63	7	2:125	0:111		24	2:121	0:107		2:114 (7209)	
	TOTAL	1594	2:121	0:104		6	2:117	0:104		2:114 (7209)	
						553	2:118	0:105			
NA	710 H-727-100	13	2:123	0:110						2:114 (7209)	
	715 H-727-200	80	2:122	0:108		3	2:122	0:104		2:114 (7209)	
	730 DC-10-10	373	2:119	0:105		556	2:116	0:102		2:114 (7209)	
	732 DC-10-30	61	2:116	0:102		1	2:125	0:111		2:114 (7209)	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-18 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT JFK ==> MIA (CONTINUED)									
STAGE LENGTH = 1090 ST, MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
NA (CONT)	A16 B-747	199	2:26	0:13				2:14	(7209)
	A42 DC-B-20	18	2:28	0:14				2:14	(7209)
	A48 DC-B-50	22	2:23	0:10				2:14	(7209)
	A50 DC-B-50F	8	2:29	0:16	1	2:12	-0:02	2:14	(7209)
	A51 DC-B-61	5	2:18	0:04	1	2:15	0:01	2:14	(7209)
	TOTAL	779	2:21	0:08	362	2:16	0:02		
PA	710 B-727-100	3	2:30	0:16				2:14	(7209)
	A08 B-707-300B	177	2:27	0:13				2:14	(7209)
	A09 B-707-300C	77	2:28	0:14				2:14	(7209)
	TOTAL	257	2:27	0:14					
ROUTE SUMMARY		3018	2:22	0:09	1091	2:16	0:02		

TABLE I-2-19

SEGMENT LAX ==> ORD
STAGE LENGTH = 1744 ST. MILES

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	327	3:28	0:14	5	3:18	0:04	3:14	(7205)
	715 H-727-200	25	3:55	0:21	1	3:11	-0:03	3:14	(7205)
	730 DC-10-10	501	3:22	0:08	8	3:17	0:03	3:14	(7205)
	802 H-707-100H	280	3:26	0:12	284	3:21	0:08	3:14	(7205)
	808 H-707-300H	30	3:22	0:08	15	3:20	0:06	3:14	(7205)
	809 H-707-300C	94	3:23	0:09	288	3:19	0:05	3:14	(7205)
	816 H-747	290	3:23	0:09	1	3:06	-0:08	3:14	(7205)
TOTAL		1585	3:24	0:10	602	3:20	0:07		
CO	715 H-727-200	115	3:21	0:07				3:14	(7205)
	730 DC-10-10	742	3:23	0:09	57	3:13	-0:01	3:14	(7205)
	809 H-707-300C	6	3:51	0:14	1	3:23	0:09	3:14	(7205)
	814 H-720-000H	223	3:17	0:04	6	3:11	-0:03	3:14	(7205)
	816 H-747	108	3:20	0:07	245	3:16	0:05	3:14	(7205)
	TOTAL	1194	3:22	0:08	309	3:16	0:02		
TW	710 H-727-100	1	3:52	0:18	1	3:29	0:15	3:14	(7205)
	715 H-727-200	2	3:47	0:53	5	3:18	0:04	3:14	(7205)
	760 L-1011	439	3:23	0:10	230	3:14	0:00	3:14	(7205)
	802 H-707-100H	727	3:29	0:15	55	3:20	0:06	3:14	(7205)
	806 H-707-300	3	3:29	0:15				3:14	(7205)
	808 H-707-300H	14	3:22	0:08	2	3:29	0:15	3:14	(7205)
	809 H-707-300C	100	3:21	0:08	198	3:20	0:06	3:14	(7205)
	816 H-747	4	3:19	0:06	29	3:17	0:03	3:14	(7205)
	825 CV-880				1	3:34	0:20	3:14	(7205)
	TOTAL	1290	3:26	0:13	500	3:17	0:05		
UA	710 H-727-100	2	3:26	0:12				3:14	(7205)
	711 H-727-100C/DC	1	3:18	0:04				3:14	(7205)
	715 H-727-200	1	3:24	0:10				3:14	(7205)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE 2-19 (Continued)

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
SEGMENT LAX ==> ORD (CONTINUED)
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME		
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			(DATE)
UA (CONT)	730 DC-10-10	369	3:28	0:15						
	816 R-747	615	3:21	0:07	84	3:15	0:02			3:14 (7205)
	842 DC-8-20	137	3:51	0:17	267	3:16	0:02			3:14 (7205)
	844 DC-8-30	20	3:25	0:12						3:14 (7205)
	848 DC-8-50	140	3:31	0:17	1	3:12	-0:02			3:14 (7205)
	850 DC-8-50F	202	3:33	0:20	266	3:21	0:07			3:14 (7205)
	851 DC-8-61	306	3:29	0:16	5	3:55	0:21			3:14 (7205)
	854 DC-8-62	39	3:23	0:09	1	3:34	0:20			3:14 (7205)
	TOTAL	1832	3:27	0:13	624	3:18	0:05			
ROUTE SUMMARY		5901	3:25	0:11	2035	3:18	0:04			

TABLE I-2-20

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LAX ==> SFO									
STAGE LENGTH = 338 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	R09 H-707-300C	567	0152	0106				0146	(7204)
	TOTAL	567	0152	0106					
RN	R48 DC-8-50	2	0150	0104				0146	(7204)
	R54 DC-8-62	146	0153	0107				0146	(7204)
	TOTAL	148	0153	0107					
DL	555 L-100-20	162	1110	-0106	225	0147	0101	1116	(7209)
	R48 DC-8-50							0146	(7204)
	TOTAL	162	1110	-0106	225	0147	0101		
NW	R16 H-747	225	0155	0109	89	0152	0106	0146	(7204)
	TOTAL	225	0155	0109	89	0152	0106		
PA	R08 H-707-300C	170	0154	0108	1	0150	0104	0146	(7204)
	R09 H-707-300C	247	0153	0107				0146	(7204)
	R16 H-747	718	0154	0107	299	0151	0105	0146	(7204)
	TOTAL	1135	0153	0107	300	0151	0105		
QM	R30 DC-9-10	271	0155	0109				0146	(7204)
	R40 DC-9-30	580	0153	0107				0146	(7204)
	TOTAL	851	0154	0108					

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-20 (Continued)

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 334 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
TW	710 H-727-100	196	0:52	0:06	117	0:44	0:02	0:46 (7204)
	711 H-727-100C/DC	57	0:53	0:07	38	0:47	0:01	0:46 (7204)
	715 H-727-200	67	0:53	0:07	3	0:49	0:03	0:46 (7204)
	760 L-1011	11	0:51	0:05	98	0:48	0:02	0:46 (7204)
	802 R-707-100H	27	0:52	0:06	221	0:50	0:04	0:46 (7204)
	806 H-707-500	160	0:53	0:07	7	0:51	0:05	0:46 (7204)
	808 H-707-500H	367	0:52	0:06	12	0:50	0:04	0:46 (7204)
	809 H-707-300C	635	0:51	0:05	1	0:46	-0:00	0:46 (7204)
	816 H-747	187	0:50	0:04	1	0:47	0:01	0:46 (7204)
	825 CV-880	3	0:51	0:05				0:46 (7204)
	TOTAL	2510	0:52	0:06	498	0:49	0:03	
UA	620 H-737-200	813	0:51	0:05	2	0:49	0:03	0:46 (7204)
	710 H-727-100	1990	0:50	0:04	81	0:50	0:04	0:46 (7204)
	711 H-727-100C/DC	1002	0:51	0:05	25	0:49	0:03	0:46 (7204)
	715 R-727-200	279	0:51	0:05	8	0:50	0:04	0:46 (7204)
	730 DC-10-10	49	0:53	0:07	1	0:51	0:05	0:46 (7204)
	816 H-747	25	0:50	0:04				0:46 (7204)
	842 DC-8-20	452	0:51	0:05	22	0:51	0:05	0:46 (7204)
	844 DC-8-30	107	0:52	0:06	8	0:51	0:05	0:46 (7204)
	844 DC-8-50	253	0:50	0:04	12	0:47	0:01	0:46 (7204)
	850 DC-8-50F	294	0:52	0:06				0:46 (7204)
	851 DC-8-61	323	0:50	0:04	17	0:51	0:05	0:46 (7204)
	854 DC-8-62	139	0:52	0:06	26	0:47	0:01	0:46 (7204)
	TOTAL	5726	0:51	0:05	202	0:50	0:04	
WA	620 H-737-200	1154	0:53	0:07	357	0:51	0:05	0:46 (7204)
	715 H-727-200	75	0:51	0:05	60	0:52	0:06	0:46 (7204)
	809 H-707-300C	14	0:44	0:02	1	0:51	0:05	0:46 (7204)
	814 H-720-000H	1556	0:51	0:05	299	0:44	0:03	0:46 (7204)
	TOTAL	2803	0:51	0:05	717	0:50	0:04	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-20 (Continued)

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LAX ==> SFO (CONTINUED)									
STAGE LENGTH = 338 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR	AVG AIR	#FLIGHTS	AVG AIR	AVG AIR	TIME	(DATE)
			TIME	DELAY		TIME	DELAY		
ROUTE SUMMARY		14126	0:52	0:05	2031	0:50	0:04		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-21

SEGMENT LCA ==> RUS
STAGE LENGTH = 185 ST. MILES

AIRBORNE DELAYS DURING 1975

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			MINIMAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	1547	0:33	0:07				0:26 (7212)	
	715 H-727-200	1024	0:34	0:07				0:26 (7212)	
	809 H-707-500C	1	0:26	-0:00				0:26 (7212)	
	TOTAL	2572	0:34	0:07					
DL	640 DC-9-30	89	0:34	0:08	84	0:33	0:06	0:26 (7212)	
	710 H-727-100	174	0:36	0:10	81	0:27	0:01	0:26 (7212)	
	715 H-727-200	12	0:55	0:07	114	0:26	-0:00	0:26 (7212)	
	730 DC-10-10				77	0:39	0:13	0:26 (7212)	
	TOTAL	275	0:35	0:09	356	0:31	0:04		
FA	550 L-1011A-0A/1A/C	1973	0:40	0:05				0:35 (7201)	
	640 DC-9-30	5382	0:33	0:07				0:26 (7212)	
	710 H-727-100	591	0:34	0:08				0:26 (7212)	
	711 H-727-100C/DC	69	0:34	0:07				0:26 (7212)	
	715 H-727-200	130	0:35	0:08				0:26 (7212)	
	760 I-1011	3	0:33	0:07				0:26 (7212)	
	TOTAL	8148	0:35	0:06					
ROUTE SUMMARY		10905	0:35	0:07	556	0:31	0:04		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-22

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LGA ==> OCA STAGE LENGTH = 214 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
AA	710 H-727-100	430	0:43	0:14				0:29	(7204)
	715 H-727-200	1229	0:44	0:15				0:29	(7204)
	TOTAL	2059	0:43	0:15					
DL	640 DC-9-50	151	0:44	0:14				0:29	(7204)
	TOTAL	151	0:44	0:14					
FA	550 L-1011A-08/1111C	1946	0:53	0:13				0:40	(7204)
	630 DC-9-10	6	0:45	0:17				0:29	(7204)
	640 DC-9-30	5136	0:43	0:15				0:29	(7204)
	710 H-727-100	568	0:44	0:15				0:29	(7204)
	711 H-727-100C/DC	26	0:41	0:13				0:29	(7204)
	715 H-727-200	164	0:44	0:20				0:29	(7204)
	TOTAL	7846	0:46	0:14					
ROUTE SUMMARY		10056	0:45	0:15					

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-23

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LCA ==> DTW
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----	-----DULL (2300-0659)-----	NOMINAL TIME (DATE)	
		#FLIGHTS AVG AIR TIME DELAY	#FLIGHTS AVG AIR TIME DELAY		
AA	710 R-727-100	2662	1:12	0:03	1:14 (7208)
	715 R-727-200	910	1:18	0:04	1:14 (7208)
	TOTAL	3572	1:17	0:03	
NW	710 R-727-100	239	1:21	0:07	1:14 (7208)
	715 R-727-200	11	1:21	0:07	1:14 (7208)
	TOTAL	250	1:21	0:07	
UA	620 R-737-200	950	1:23	0:09	1:14 (7208)
	710 R-727-100	331	1:17	0:03	1:14 (7208)
	711 R-727-100C/DC	147	1:20	0:06	1:14 (7208)
	715 R-727-200	132	1:19	0:05	1:14 (7208)
	TOTAL	1560	1:21	0:07	
ROUTE SUMMARY		5362	1:14	0:05	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-24

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> ORD
STAGE LENGTH = .733 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	2000	1:52	0:21				1:31 (7210)
	715 R-727-200	1412	1:53	0:22				1:31 (7210)
	730 DC-10-10	747	1:52	0:21				1:31 (7210)
	TOTAL	4159	1:52	0:22				
TM	710 R-727-100	1715	1:53	0:23				1:31 (7210)
	711 R-727-100C/QC	461	1:53	0:23				1:31 (7210)
	715 B-727-200	1467	1:49	0:18				1:31 (7210)
	TOTAL	4143	1:51	0:20				
UA	620 R-737-200	19	1:57	0:26				1:31 (7210)
	710 R-727-100	1349	1:56	0:26				1:31 (7210)
	711 R-727-100C/QC	487	1:56	0:25				1:31 (7210)
	715 R-727-200	430	1:56	0:25				1:31 (7210)
	TOTAL	2485	1:56	0:25				
ROUTE SUMMARY		10947	1:53	0:22				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-25

ALPHABETICALLY BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT WIA → ATL
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----IDLE (2300-0659)-----			MINUTAL TIME (DATE)	
		FLIGHTS	AVG AIR TIME	AVG AIR DELAY	FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
DL	630 DC-9-10	1	1:21	0:03				1:18 (7210)	
	640 DC-9-30	332	1:34	0:16	25	1:23	0:05	1:18 (7210)	
	710 H-727-100	2	1:20	0:02				1:18 (7210)	
	715 H-727-200	47	1:23	0:05	15	1:28	0:09	1:18 (7210)	
	730 DC-10-10	43	1:28	0:10	192	1:24	0:06	1:18 (7210)	
	760 L-1011				1	1:57	0:19	1:18 (7210)	
	A16 R-747	365	1:29	0:10				1:18 (7210)	
	A24 CV-440	209	1:20	0:02	1	1:23	0:05	1:18 (7210)	
	844 DC-8-50	247	1:36	0:18	1	1:25	0:07	1:18 (7210)	
	848 DC-8-50	152	1:28	0:10	1	1:24	0:06	1:18 (7210)	
	851 DC-8-61	413	1:29	0:10	3	1:21	0:03	1:18 (7210)	
	TOTAL	1809	1:29	0:11	239	1:24	0:06		
FA	630 DC-9-10	5	1:32	0:14				1:18 (7210)	
	640 DC-9-30	456	1:34	0:16	1	1:24	0:06	1:18 (7210)	
	710 H-727-100	324	1:31	0:13	44	1:26	0:08	1:18 (7210)	
	711 H-727-100C/DC	155	1:29	0:11	125	1:23	0:05	1:18 (7210)	
	715 H-727-200	279	1:26	0:08	167	1:22	0:04	1:18 (7210)	
	760 L-1011	77	1:26	0:08	70	1:18	-0:00	1:18 (7210)	
	842 DC-8-20	15	1:26	0:08				1:18 (7210)	
	851 DC-8-61	25	1:29	0:10				1:18 (7210)	
	856 DC-8-63	7	1:25	0:07				1:18 (7210)	
	TOTAL	1321	1:30	0:12	407	1:22	0:04		
NW	710 H-727-100	132	1:24	0:06				1:18 (7210)	
	715 H-727-200	16	1:24	0:06				1:18 (7210)	
	733 DC10-40	1	1:19	0:01				1:18 (7210)	
	809 H-707-300C	1	1:25	0:07				1:18 (7210)	
	TOTAL	150	1:24	0:06					

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-25 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT MIA ==> ATL (CONTINUED)									
STAGE LENGTH = 595 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
UA	620 H-737-200	245	1:30	0:12				1:18	(7210)
	710 R-727-100	137	1:25	0:07				1:18	(7210)
	711 R-727-100C/DC	73	1:33	0:15				1:18	(7210)
	715 R-727-200	215	1:27	0:09				1:18	(7210)
	TOTAL	670	1:29	0:10					
ROUTE SUMMARY		3950	1:29	0:11	646	1:23	0:05		

TABLE I-2-26

ALBUHURNE DELAYS DURING 1973
 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
 SEGMENT MIA ==> JFK
 STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			(DATE)
HN	802 H-707-100H	5	2:15	0:08						210A	(7202)
	808 DC-8-50	13	2:25	0:17						210A	(7202)
	854 DC-8-62	579	2:25	0:17						210A	(7202)
	TOTAL	397	2:25	0:17							
DL	640 DC-9-30	30	2:23	0:15						210A	(7202)
	715 H-727-200	136	2:15	0:04		1	2:11	0:03		210A	(7202)
	730 DC-10-10	233	2:24	0:16		135	2:14	0:07		210A	(7202)
	760 L-1011	1	2:20	0:12						210A	(7202)
	816 H-747	165	2:19	0:11		83	2:15	0:08		210A	(7202)
	844 DC-8-50	1	2:16	0:04						210A	(7202)
	848 DC-8-50	2	2:20	0:12		1	2:22	0:14		210A	(7202)
	851 DC-8-61					220	2:15	0:07		210A	(7202)
	TOTAL	568	2:20	0:12							
EA	630 DC-9-10	2	2:34	0:50						210A	(7202)
	640 DC-9-50	32	2:29	0:21						210A	(7202)
	710 H-727-100	218	2:20	0:12						210A	(7202)
	711 H-727-100C/QC	617	2:15	0:07						210A	(7202)
	715 H-727-200	96	2:17	0:10		205	2:13	0:05		210A	(7202)
	760 L-1011	544	2:14	0:10		8	2:10	0:03		210A	(7202)
	842 DC-8-20	18	2:20	0:12		3	2:09	-0:07		210A	(7202)
	851 DC-8-61	6	2:17	0:09		4	2:09	0:02		210A	(7202)
	856 DC-8-63	3	2:24	0:16		34	2:14	0:07		210A	(7202)
	TOTAL	1536	2:17	0:10		15	2:15	0:04		210A	(7202)
						269	2:13	0:05			
NA	710 H-727-100	23	2:14	0:06						210A	(7202)
	715 H-727-200	409	2:14	0:11						210A	(7202)
	730 DC-10-10	177	2:13	0:05						210A	(7202)
	732 DC-10-30	55	2:14	0:06						210A	(7202)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-26 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT MIA => JFK (CONTINUED)									
STAGE LENGTH = 1090 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
NA (CONT)	816 R-747	323	2:23	0:15				2108 (7202)	
	842 DC-8-20	1	2:36	0:28				2108 (7202)	
	848 DC-8-50	18	2:19	0:12				2108 (7202)	
	850 DC-8-50F	1	2:29	0:21				2108 (7202)	
	851 DC-8-61	4	2:15	0:10				2108 (7202)	
	TOTAL	1011	2:18	0:11					
PA	710 H-727-100	2	2:11	0:03				2108 (7202)	
	711 H-727-100C/DC	1	3:00	0:52				2108 (7202)	
	808 H-707-500H	170	2:25	0:17				2108 (7202)	
	809 H-707-500C	79	2:25	0:17				2108 (7202)	
	816 H-747	1	2:28	0:20				2108 (7202)	
	TOTAL	253	2:25	0:17					
ROUTE SUMMARY		3765	2:19	0:12	489	2:14	0:06		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-27

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT MSP ==> ORD
STAGE LENGTH = 334 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
NC	640 DC-9-30	728	0:57	0:14				0143 (7204)
	TOTAL	728	0:57	0:14				
NW	550 L-188A-08/18RC	28	0:55	-0:25				1120 (7209)
	710 R-727-100	1088	0:58	0:15				0143 (7204)
	715 R-727-200	1825	0:57	0:14	33	0:52	0:09	0143 (7204)
	733 DC10-40	365	0:56	0:13				0143 (7204)
	808 R-707-300H	45	0:57	0:14	26	0:49	0:06	0143 (7204)
	809 R-707-300C	486	0:57	0:14	297	0:50	0:07	0143 (7204)
	814 R-720-000H	55	0:55	0:12	9	0:48	0:05	0143 (7204)
	816 R-747	583	1:00	0:17				0143 (7204)
	TOTAL	4875	0:58	0:15	365	0:50	0:07	
UA	620 R-737-200	770	0:57	0:14				0143 (7204)
	710 R-727-100	675	0:56	0:13				0143 (7204)
	711 R-727-100C/DC	235	0:55	0:13				0143 (7204)
	715 R-727-200	424	0:56	0:13				0143 (7204)
	842 DC-8-20	1	0:49	0:06				0143 (7204)
	848 DC-8-30	2	1:06	0:24				0143 (7204)
	848 DC-8-50	1	0:46	0:03				0143 (7204)
	851 DC-8-61	2	0:54	0:12				0143 (7204)
	854 DC-8-62	1	1:45	1:02				0143 (7204)
	TOTAL	2111	0:56	0:13				
ROUTE SUMMARY		7714	0:57	0:14	365	0:50	0:07	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-28

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> ATL
STAGE LENGTH = 606 ST, MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
DL	630 DC-9-10	130	1:16	0:08				1:07 (7209)	
	640 DC-9-30	434	1:21	0:14				1:07 (7209)	
	710 H-727-100	1	1:29	0:22	6	1:21	0:14	1:07 (7209)	
	715 H-727-200	28	1:26	0:18				1:07 (7209)	
	816 H-747	213	1:23	0:16	1	2:21	1:14	1:07 (7209)	
	825 CV-840	4	1:16	0:11	4	1:15	0:07	1:07 (7209)	
	844 DC-8-30	128	1:22	0:14	210	1:15	0:08	1:07 (7209)	
FA	717 DC-8-50	717	1:24	0:17	13	1:13	0:05	1:07 (7209)	
	851 DC-8-61	394	1:21	0:14	41	1:19	0:11	1:07 (7209)	
	TOTAL	2049	1:22	0:15	275	1:16	0:09		
NW	630 DC-9-10	62	1:27	0:20				1:07 (7209)	
	640 DC-9-30	953	1:26	0:19	1	1:18	0:11	1:07 (7209)	
	710 H-727-100	293	1:26	0:19	60	1:22	0:14	1:07 (7209)	
	711 H-727-100C/DC	381	1:26	0:19	474	1:20	0:13	1:07 (7209)	
	715 H-727-200	29	1:26	0:18	176	1:20	0:13	1:07 (7209)	
TOTAL		1718	1:26	0:19	741	1:20	0:13		
RW	710 H-727-100	1192	1:25	0:17				1:07 (7209)	
	715 H-727-200	33	1:26	0:19				1:07 (7209)	
	TOTAL	1225	1:25	0:17					
ROUTE SUMMARY		4992	1:24	0:17	1016	1:19	0:12		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-29

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> RUS
STAGE LENGTH = 867 ST. MILES

AIRLINE	AIRCRAFT	-----HUSV (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	140	1:45	0:09						1:36 (7206)
	715 H-727-200	283	1:45	0:09						1:36 (7206)
	730 DC-10-10	115	1:41	0:06						1:36 (7206)
	802 H-707-100H	457	1:45	0:07						1:36 (7206)
	808 H-707-100H	14	1:47	0:11						1:36 (7206)
	809 H-707-100C	49	1:43	0:07						1:36 (7206)
	816 H-747	297	1:42	0:06						1:36 (7206)
	TOTAL	1553	1:43	0:08						
T4	710 H-727-100	313	1:44	0:08						1:36 (7206)
	711 H-727-100C/DC	84	1:45	0:07						1:36 (7206)
	715 H-727-200	37	1:42	0:06						1:36 (7206)
	760 L-1011	86	1:42	0:07						1:36 (7206)
	802 H-707-100H	21	1:41	0:06						1:36 (7206)
	808 H-707-300H	1	1:42	0:06						1:36 (7206)
	825 CV-880	749	1:43	0:07						1:36 (7206)
	TOTAL	1355	1:43	0:07						
UA	620 H-737-200	2	1:49	0:13						1:36 (7206)
	710 H-727-100	289	1:44	0:08						1:36 (7206)
	711 H-727-100C/DC	21	1:49	0:13						1:36 (7206)
	715 H-727-200	391	1:45	0:10		243	1:42	0:07		1:36 (7206)
	730 DC-10-10	32	1:44	0:08						1:36 (7206)
	816 H-747	35	1:43	0:07						1:36 (7206)
	842 DC-8-20	337	1:44	0:08						1:36 (7206)
	844 DC-8-30	164	1:45	0:09						1:36 (7206)
	848 DC-8-50	51	1:42	0:06						1:36 (7206)
	850 DC-8-50F	37	1:41	0:06						1:36 (7206)
	851 DC-8-61	47	1:43	0:08						1:36 (7206)
	854 DC-8-62	13	1:44	0:09						1:36 (7206)
	TOTAL	1419	1:44	0:08		243	1:42	0:07		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-29 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD ==> NOS (CONTINUED)									
STAGE LENGTH = 867 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NUMINAL TIME	
		#FLIGHTS	AVG AIR	TIME DELAY	#FLIGHTS	AVG AIR	TIME DELAY	TIME	(DATE)
ROUTE SUMMARY		4107	1:44	0:08	243	1:42	0:07		

TABLE I-2-30

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> DCA
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	2134	1:21	0:04				1:13 (7202)
	715 H-727-200	1652	1:21	0:09				1:13 (7202)
	TOTAL	3786	1:21	0:08				
TW	710 H-727-100	227	1:20	0:04				1:13 (7202)
	711 H-727-100C/9C	85	1:20	0:04				1:13 (7202)
	715 H-727-200	844	1:20	0:07				1:13 (7202)
	TOTAL	1156	1:20	0:07				
UA	620 H-757-200	654	1:25	0:13				1:13 (7202)
	710 H-727-100	486	1:20	0:07				1:13 (7202)
	711 H-727-100C/9C	54	1:19	0:06				1:13 (7202)
	715 H-727-200	1202	1:21	0:04				1:13 (7202)
	TOTAL	2496	1:22	0:09				
ROUTE SUMMARY		7370	1:21	0:09				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-31

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> DEN
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)-----			DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
CO	635 DC-9-15F	3	2:05	0:09	6	2:03	0:06	1:57 (7206)
	715 H-727-200	605	1:56	-0:01	2	2:03	0:07	1:57 (7206)
	730 DC-10-10	903	1:57	0:00	346	1:55	-0:01	1:57 (7206)
	809 H-707-300C	1	1:55	-0:02				1:57 (7206)
	814 H-720-000H	274	1:57	0:00	1	2:02	0:05	1:57 (7206)
	816 H-747	2	2:00	0:03				1:57 (7206)
	TOTAL	1786	1:56	-0:00	355	1:55	-0:01	
TW	710 H-727-100	10	2:04	0:04				1:57 (7206)
	711 H-727-100C/DC	5	2:06	0:10				1:57 (7206)
	715 H-727-200	5	1:56	-0:00				1:57 (7206)
	802 H-707-100H	44	2:04	0:07				1:57 (7206)
	806 H-707-300	1	1:45	-0:12				1:57 (7206)
	808 H-707-300H	1	2:01	0:04				1:57 (7206)
	825 CV-640	1435	1:57	0:01				1:57 (7206)
	TOTAL	1499	1:58	0:01				
UA	620 H-737-200	5	2:12	0:16				1:57 (7206)
	710 H-727-100	448	2:00	0:04				1:57 (7206)
	711 H-727-100C/DC	88	2:01	0:04				1:57 (7206)
	715 H-727-200	244	1:59	0:03	247	1:57	0:00	1:57 (7206)
	730 DC-10-10	1260	1:58	0:01				1:57 (7206)
	842 DC-H-20	109	2:03	0:07				1:57 (7206)
	844 DC-H-30	54	2:03	0:07				1:57 (7206)
	848 DC-H-50	14	2:03	0:07				1:57 (7206)
	851 DC-H-61	102	2:01	0:05				1:57 (7206)
	854 DC-H-62	5	2:02	0:06				1:57 (7206)
	TOTAL	2307	1:59	0:03	247	1:57	0:00	
ROUTE SUMMARY		6592	1:58	0:01	602	1:56	-0:01	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-32

SEGMENT ORD ==> DTW
STAGE LENGTH = 235 ST. MILES

AIRLINE AIRCRAFT

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	710 H-727-100	192	0:39	0:08	2	0:39	0:08	0:31 (7201)		
	715 H-727-200	442	0:41	0:10	1	0:34	0:03	0:31 (7201)		
	730 DC-10-10	535	0:39	0:08	1	0:37	0:06	0:31 (7201)		
	802 H-707-100H	338	0:39	0:08	26	0:45	0:14	0:31 (7201)		
	808 H-707-300R	83	0:38	0:07	1	0:43	0:12	0:31 (7201)		
	809 H-707-300C	239	0:38	0:07	84	0:37	0:06	0:31 (7201)		
	816 H-747	295	0:41	0:09				0:31 (7201)		
	TOTAL	2124	0:40	0:08	115	0:39	0:08			
DL	640 DC-9-30	660	0:36	0:04				0:31 (7201)		
	TOTAL	660	0:36	0:04						
EA	710 H-727-100	47	0:38	0:07				0:31 (7201)		
	711 H-727-100C/QC	21	0:36	0:05				0:31 (7201)		
	715 H-727-200	18	0:40	0:08				0:31 (7201)		
	TOTAL	86	0:38	0:07						
NW	710 H-727-100	386	0:40	0:09				0:31 (7201)		
	715 H-727-200	336	0:41	0:09	32	0:40	0:09	0:31 (7201)		
	808 H-707-300R	40	0:44	0:13	27	0:39	0:08	0:31 (7201)		
	809 H-707-300C	451	0:41	0:10	289	0:39	0:07	0:31 (7201)		
	814 H-720-000R	6	0:38	0:06	9	0:39	0:08	0:31 (7201)		
	816 H-747	222	0:43	0:12				0:31 (7201)		
	TOTAL	1441	0:41	0:10	357	0:39	0:07			
PA	809 H-707-300C	513	0:41	0:10				0:31 (7201)		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-32 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD => DTM (CONTINUED)									
STAGE LENGTH = 235 ST. MILFS									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME			
PA (CONT)	TOTAL	#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	DELAY	DELAY	DELAY	(DATE)
UA	620 H-737-200	313	0:41	0:10					
	710 H-727-100	231	0:40	0:09					0:31 (7201)
	711 H-727-100C/DC	399	0:37	0:06					0:31 (7201)
	715 H-727-200	138	0:37	0:06					0:31 (7201)
	730 DC-10-10	10	0:38	0:06					0:31 (7201)
	816 H-747	2	0:40	0:09					0:31 (7201)
	842 DC-8-20	151	0:40	0:09					0:31 (7201)
	844 DC-8-30	63	0:39	0:08					0:31 (7201)
	848 DC-8-50	16	0:39	0:07					0:31 (7201)
	851 DC-8-61	24	0:40	0:09					0:31 (7201)
	854 DC-8-62	159	0:39	0:08					0:31 (7201)
	TOTAL	5	0:34	0:03					0:31 (7201)
		1196	0:39	0:07					
ROUTE SUMMARY									
		5820	0:39	0:08	472	0:39	0:08		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-33

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> EAR
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	151	1:34	0:11				1:24 (7211)
	715 R-727-200	136	1:35	0:11				1:24 (7211)
	802 R-707-100H	442	1:31	0:07				1:24 (7211)
	808 R-707-300H	63	1:32	0:08				1:24 (7211)
	809 R-707-300C	194	1:31	0:07				1:24 (7211)
	TOTAL	990	1:32	0:08				
TW	710 R-727-100	234	1:32	0:08				1:24 (7211)
	711 R-727-100C/OC	79	1:31	0:08				1:24 (7211)
	715 R-727-200	384	1:31	0:07				1:24 (7211)
	802 R-707-100H	184	1:31	0:07				1:24 (7211)
	806 R-707-300	4	1:27	0:04				1:24 (7211)
	808 R-707-300H	1	1:28	0:04				1:24 (7211)
	825 CV-440	370	1:30	0:06				1:24 (7211)
	TOTAL	1260	1:31	0:07				
UA	620 R-737-200	8	1:38	0:14				1:24 (7211)
	710 R-727-100	28	1:31	0:07				1:24 (7211)
	711 R-727-100C/OC	7	1:30	0:06				1:24 (7211)
	715 R-727-200	34	1:33	0:10	247	1:28	0:05	1:24 (7211)
	730 DC-10-10	443	1:30	0:06				1:24 (7211)
	842 DC-8-20	216	1:30	0:06				1:24 (7211)
	844 DC-8-30	74	1:31	0:07				1:24 (7211)
	848 DC-8-50	106	1:31	0:08				1:24 (7211)
	850 DC-8-50F	35	1:31	0:07				1:24 (7211)
	851 DC-8-61	413	1:32	0:08				1:24 (7211)
	854 DC-8-62	92	1:30	0:06				1:24 (7211)
	TOTAL	1496	1:31	0:07	247	1:28	0:05	
ROUTE SUMMARY		4146	1:31	0:07	247	1:28	0:05	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-34

AIRPORT DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD => IAX
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			MINUTAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 R-727-100	245	3:53H	0:03	16	3:39	0:05	3:35	(7212)
	715 R-727-200	11	3:56	0:02	1	3:04	-0:31	3:35	(7212)
	730 DC-10-10	713	3:56	0:01	4	3:49	0:15	3:35	(7212)
	802 R-707-100H	316	3:44	0:09	198	3:44	0:10	3:35	(7212)
	808 R-707-300R	29	3:41	0:07	10	3:40	0:05	3:35	(7212)
	809 R-707-300C	351	3:41	0:06	357	3:42	0:04	3:35	(7212)
	816 R-747	163	3:54	-0:00	2	3:46	0:11	3:35	(7212)
TOTAL		1846	3:53H	0:04	568	3:43	0:08		
CJ	715 R-727-200	121	3:40	0:06				3:35	(7212)
	730 DC-10-10	996	3:54	-0:00				3:35	(7212)
	809 R-707-300C	7	3:35	0:00				3:35	(7212)
	814 R-720-000R	65	3:41	0:06				3:35	(7212)
	816 R-747	358	3:35	0:00				3:35	(7212)
TOTAL		1547	3:35	0:01					
PA	809 R-707-300C	17	3:46	0:12				3:35	(7212)
	TOTAL	17	3:46	0:12					
TW	710 R-727-100	1	3:53H	0:03				3:35	(7212)
	715 R-727-200	4	3:50	0:16				3:35	(7212)
	760 I-1011	565	3:51	-0:04	98	3:32	-0:02	3:35	(7212)
	802 R-707-100H	545	3:40	0:06	197	3:44	0:10	3:35	(7212)
	806 R-707-300	4	3:42	0:04	5	3:54	0:20	3:35	(7212)
	808 R-707-300R	16	3:56	0:01	10	3:37	0:02	3:35	(7212)
	809 R-707-300C	133	3:35	0:01	210	3:40	0:06	3:35	(7212)
	816 R-747	7	3:57	0:02				3:35	(7212)
	825 CV-880							3:35	(7212)
	TOTAL	1275	3:56	0:01	520	3:40	0:06		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-34 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD ==> LAX (CONTINUED)									
STAGE LENGTH = 1744 ST. MILES									
AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME			
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY		(DATE)
UA	710 B-727-100	1	3:33	-0:02					3:35 (7212)
	711 B-727-100C/OC	1	3:48	0:13					3:35 (7212)
	730 DC-10-10	635	3:38	0:04	1	3:53	0:18		3:35 (7212)
	816 H-747	770	3:37	0:03			-0:05		3:35 (7212)
	842 DC-8-20	143	3:47	0:12	23	3:56	0:22		3:35 (7212)
	844 DC-8-30	18	3:47	0:13	13	3:46	0:11		3:35 (7212)
	848 DC-8-50	111	3:45	0:11	12	3:50	0:15		3:35 (7212)
	850 DC-8-50F	108	3:42	0:08	309	3:42	0:08		3:35 (7212)
	851 DC-8-61	7	3:44	0:09	17	3:53	0:19		3:35 (7212)
	854 DC-8-62				26	3:44	0:10		3:35 (7212)
	TOTAL	1794	3:39	0:05	402	3:44	0:09		
ROUTE SUMMARY		6479	3:37	0:03	1490	3:42	0:08		

TABLE I-2-35

ALPHABETIC DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> LGA
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	1658	1:55	0:09				1:26 (7212)
	715 H-727-200	1288	1:56	0:10				1:26 (7212)
	730 DC-10-10	727	1:57	0:11				1:26 (7212)
	A02 H-707-100H	2	1:56	0:10				1:26 (7212)
	TOTAL	3675	1:56	0:10				
TW	710 H-727-100	1574	1:55	0:09				1:26 (7212)
	711 H-727-100C/DC	436	1:55	0:09				1:26 (7212)
	715 H-727-200	1610	1:57	0:11				1:26 (7212)
	TOTAL	3620	1:56	0:10				
UA	620 H-737-200	20	1:46	0:20				1:26 (7212)
	710 H-727-100	1306	1:57	0:12				1:26 (7212)
	711 H-727-100C/DC	926	1:56	0:11				1:26 (7212)
	715 H-727-200	440	1:56	0:11				1:26 (7212)
	TOTAL	2692	1:57	0:11				
ROUTE SUMMARY		9987	1:56	0:10				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-36

ALPHABETICALLY BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD => MSP
STAGE LENGTH = 334 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	DELAY	
NC	430 CV-580	2	1:16	0:05				1:11 (7208)
	640 DC-9-30	728	0:54	0:04				0:51 (7208)
	TOTAL	730	0:54	0:04				
NW	550 L-188A-04/188C	46	0:57	0:15				1:11 (7208)
	710 H-727-100	914	0:55	0:05	83	0:51	0:01	0:51 (7208)
	715 H-727-200	1793	0:56	0:05	7	0:52	0:01	0:51 (7208)
	733 DC10-40	391	0:55	0:04	220	0:52	0:02	0:51 (7208)
	808 H-707-300H	46	0:56	0:05	30	0:54	0:03	0:51 (7208)
	809 H-707-300C	548	0:55	0:04	192	0:55	0:04	0:51 (7208)
	814 H-720-000H	63	0:53	0:03	22	0:54	0:04	0:51 (7208)
	816 H-747	510	0:57	0:06				0:51 (7208)
	TOTAL	4331	0:56	0:05	454	0:53	0:03	
UA	620 H-737-200	686	0:57	0:06				0:51 (7208)
	710 H-727-100	635	0:54	0:04	88	0:51	0:01	0:51 (7208)
	711 H-727-100C/DC	145	0:55	0:04	259	0:53	0:03	0:51 (7208)
	715 H-727-200	435	0:54	0:04	65	0:52	0:02	0:51 (7208)
	842 DC-8-20	1	0:54	0:03				0:51 (7208)
	844 DC-8-30	3	0:55	0:04				0:51 (7208)
	848 DC-8-50	1	0:55	0:04				0:51 (7208)
	851 DC-8-61	2	0:58	0:08				0:51 (7208)
	TOTAL	1908	0:55	0:05	412	0:53	0:02	
ROUTE SUMMARY		6969	0:55	0:05	966	0:53	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-37

ATMORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT IIR0 ==> PIT
STAGE LENGTH = 413 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AL	430 CV-580	2	1:22	-0:09						1:31 (7211)
	605 H-11-200	2	1:00	0:06						0:54 (7202)
	640 DC-9-30	2620	0:58	0:04						0:54 (7202)
	TOTAL	2624	0:58	0:04						
TW	710 H-727-100	34	0:57	0:03						0:54 (7202)
	711 H-727-100C/UC	7	0:57	0:03						0:54 (7202)
	715 H-727-200	80	0:58	0:04						0:54 (7202)
	802 H-707-100H	336	1:00	0:06						0:54 (7202)
	806 H-707-300	1	0:54	0:00						0:54 (7202)
	808 H-707-300H	6	1:00	0:06						0:54 (7202)
	825 CV-880	1289	0:56	0:03						0:54 (7202)
	TOTAL	1753	0:57	0:03						
UA	620 H-737-200	3	1:02	0:04						0:54 (7202)
	710 H-727-100	621	0:57	0:03						0:54 (7202)
	711 H-727-100C/UC	105	0:57	0:03						0:54 (7202)
	715 H-727-200	229	0:58	0:04		238	0:56	0:02		0:54 (7202)
	730 DC-10-10	335	0:59	0:05						0:54 (7202)
	816 H-747	54	0:57	0:04						0:54 (7202)
	842 DC-8-20	44	0:59	0:05						0:54 (7202)
	844 DC-8-30	16	1:00	0:06						0:54 (7202)
	848 DC-8-50	5	1:04	0:10						0:54 (7202)
	851 DC-8-61	87	0:57	0:04						0:54 (7202)
	TOTAL	1497	0:58	0:04		238	0:56	0:02		
ROUTE SUMMARY		5874	0:58	0:04		238	0:56	0:02		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-38

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> SFU
STAGE LENGTH = 1446 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULI (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
AA	710 H-727-100	2	4:13	0:20				3:53	(7208)
	730 DC-10-10	107	3:43	-0:11				3:53	(7208)
	802 R-707-100H	845	3:57	0:04				3:53	(7208)
	808 R-707-100H	42	3:55	0:02				3:53	(7208)
	809 R-707-100C	87	3:56	0:05	148	3:54	0:01	3:53	(7208)
	816 R-747	555	3:47	-0:06				3:53	(7208)
	TOTAL	1438	3:53	0:00	148	3:54	0:01		
TM	710 H-727-100	1	3:37	-0:16				3:53	(7208)
	715 H-727-200	1	4:01	0:04				3:53	(7208)
	760 L-1011	265	3:42	-0:12				3:53	(7208)
	802 R-707-100H	862	3:54	0:03				3:53	(7208)
	806 H-707-300	13	3:47	-0:07				3:53	(7208)
	808 R-707-300H	15	3:50	-0:03				3:53	(7208)
	809 R-707-500C	5	3:46	-0:07	162	3:52	-0:02	3:53	(7208)
	816 R-747	124	3:48	-0:05				3:53	(7208)
	TOTAL	1286	3:51	-0:02	162	3:52	-0:02		
UA	711 H-727-100C/QC	1	3:52	-0:01				3:53	(7208)
	715 R-727-200	1	3:44	-0:04				3:53	(7208)
	730 DC-10-10	257	3:48	-0:05	239	3:53	-0:00	3:53	(7208)
	816 H-747	261	3:51	-0:02				3:53	(7208)
	842 DC-8-20	81	3:59	0:06				3:53	(7208)
	844 DC-8-30	23	3:58	0:05				3:53	(7208)
	848 DC-8-50	80	3:57	0:04				3:53	(7208)
	850 DC-8-50F	258	4:01	0:07	235	3:55	0:02	3:53	(7208)
	851 DC-8-61	847	3:59	0:06				3:53	(7208)
	854 DC-8-62	12	3:59	0:05				3:53	(7208)
	TOTAL	1821	3:56	0:03	474	3:54	0:01		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-38 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD 525 SFO (CONTINUED)									
STAGE LENGTH = 1846 ST. MILES									
AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----			-----DUL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR	AVG AIR	#FLIGHTS	AVG AIR	AVG AIR	AVG AIR	(DATE)
		TIME	DELAY	TIME	TIME	DELAY	TIME	DELAY	
ROUTE SUMMARY		4545	3:54	0:01	784	3:54	0:00		

TABLE I-2-39

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT ORD ==> STL
STAGE LENGTH = 258 ST. MILTS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			MINIMAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 B-727-100	606	0:45	0:06				0:38 (7205)	
	715 H-727-200	585	0:46	0:08				0:38 (7205)	
	802 H-707-100R	425	0:45	0:07				0:38 (7205)	
	808 H-707-300R	49	0:46	0:07				0:38 (7205)	
	809 H-707-300C	120	0:45	0:06				0:38 (7205)	
	TOTAL	1585	0:45	0:07					
DL	630 DC-9-10	167	0:38	-0:01	1	0:38	-0:00	0:38 (7205)	
	640 DC-9-30	2524	0:40	0:01	358	0:51	-0:08	0:38 (7205)	
	825 CV-R80	355	0:59	0:00				0:38 (7205)	
	TOTAL	3046	0:59	0:01	359	0:51	-0:08		
NZ	630 DC-9-10	709	0:45	0:07	18	0:42	0:03	0:38 (7205)	
	640 DC-9-30	767	0:46	0:07	175	0:44	0:05	0:38 (7205)	
	TOTAL	1476	0:45	0:07	193	0:43	0:05		
ROUTE SUMMARY		6107	0:42	0:04	552	0:55	-0:03		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-40

AIROBNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PHL ==> RUS
STAGE LENGTH = 280 ST, MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100				2	0:43	0:07	0:36 (7210)
	715 R-727-200				1	0:45	0:09	0:36 (7210)
	TOTAL				3	0:44	0:08	
AL	430 CV-580	4	1:07	-0:51				1:36 (7211)
	605 R-1-11-200	169	0:50	0:14				0:36 (7210)
	640 DC-9-30	3992	0:50	0:14	335	0:45	0:09	0:36 (7210)
	TOTAL	4165	0:50	0:14	335	0:45	0:09	
DL	640 DC-9-30	1586	0:50	0:14				0:36 (7210)
	710 R-727-100	1	0:54	0:18				0:36 (7210)
	715 R-727-200	3	0:45	0:09				0:36 (7210)
	825 CV-440	305	0:46	0:10				0:36 (7210)
	TOTAL	1895	0:49	0:13				
FA	710 R-727-100	1	0:43	0:07	75	0:46	0:10	0:36 (7210)
	715 R-727-200	13	0:48	0:12	84	0:45	0:09	0:36 (7210)
	TOTAL	14	0:48	0:12	159	0:45	0:09	
NA	710 R-727-100	2	0:49	0:13				0:36 (7210)
	715 R-727-200	26	0:45	0:09				0:36 (7210)
	842 DC-8-20	1	0:43	0:07				0:36 (7210)
	TOTAL	29	0:45	0:09				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-40 (Continued)

AIRBORNE DELAYS DURING 1973									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT PHL 222 HOS (CONTINUED)									
STAGE LENGTH = 240 ST. *SLFS									
AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)	
PA	ROR R-707-100R	89	0:50	0:14				0:36 (7210)	
	ROR R-707-100C	61	0:51	0:15				0:36 (7210)	
	TOTAL	150	0:51	0:15					
ROUTE SUMMARY		6253	0:50	0:14	497	0:45	0:09		

TABLE I-2-41

AIRBORNE DELAYS DURING 1973 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT PNL ==> PIT STAGE LENGTH = 268 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AL	430 CV-580	6	1:07	0:02				1:05 (7208)	
	605 R-1-11-200	167	0:49	0:06				0:43 (7205)	
	640 DC-9-30	4069	0:46	0:03	278	0:43	-0:01	0:43 (7205)	
	TOTAL	4242	0:46	0:03	278	0:43	-0:01		
TM	630 DC-9-10	1487	0:45	0:02				0:43 (7205)	
	710 R-727-100	4	0:44	0:01				0:43 (7205)	
	802 H-707-100A	150	0:47	0:03				0:43 (7205)	
	806 H-707-300	45	0:44	0:01				0:43 (7205)	
	808 H-707-300R	239	0:46	0:03				0:43 (7205)	
	809 H-707-300C	26	0:46	0:03				0:43 (7205)	
	825 CV-880	84	0:49	0:06				0:43 (7205)	
	TOTAL	2035	0:46	0:02					
ROUTE SUMMARY									
		6277	0:46	0:03	278	0:43	-0:01		

TABLE I-2-42

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> ORD
STAGE LENGTH = 413 ST, MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AL	430 CV-580	5	1:42	-0:02						1:43 (7209)
	605 R-1-11-200	2	1:14	0:10						1:04 (7208)
	640 DC-9-30	2645	1:11	0:07		254	1:04	0:00		1:04 (7208)
	TOTAL	2652	1:11	0:07		254	1:04	0:00		
TW	710 H-727-100	160	1:11	0:07						1:04 (7208)
	711 R-727-100C/DC	42	1:11	0:07						1:04 (7208)
	715 R-727-200	90	1:10	0:06						1:04 (7208)
	R02 R-707-100R	358	1:07	0:03						1:04 (7208)
	R06 R-707-300	1	1:22	0:18						1:04 (7208)
	R08 H-707-300H	2	1:05	-0:01						1:04 (7208)
	R25 CV-880	1194	1:11	0:07						1:04 (7208)
	TOTAL	1849	1:10	0:06						
UA	620 H-737-200	359	1:17	0:13						1:04 (7208)
	710 H-727-100	353	1:09	0:05						1:04 (7208)
	711 R-727-100C/DC	90	1:14	0:10						1:04 (7208)
	715 H-727-200	238	1:14	0:10		247	1:03	-0:01		1:04 (7208)
	730 DC-10-10	379	1:08	0:04						1:04 (7208)
	816 R-747	103	1:12	0:08						1:04 (7208)
	842 DC-8-20	38	1:23	0:19						1:04 (7208)
	844 DC-8-30	16	1:50	0:26						1:04 (7208)
	848 DC-8-50	3	1:51	0:48						1:04 (7208)
	851 DC-8-61	8	1:18	0:14						1:04 (7208)
	TOTAL	1587	1:12	0:09		247	1:03	-0:01		
ROUTE SUMMARY		6088	1:11	0:07		501	1:04	-0:00		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-43

---AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> PHL
STAGE LENGTH = 268 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AL	430 CV-580	R	0:58	0:102				1:00 (7211)
	605 R-1-11-200	162	0:47	0:114				0:33 (7210)
	640 DC-9-30	4121	0:45	0:115	674	0:43	0:110	0:33 (7210)
	TOTAL	4291	0:45	0:113	674	0:43	0:110	
TW	630 DC-9-10	1514	0:44	0:111				0:33 (7210)
	710 R-727-100	54	0:43	0:111				0:33 (7210)
	711 R-727-100C/UC	21	0:43	0:110				0:33 (7210)
	715 R-727-200	1	0:41	0:108				0:33 (7210)
	802 R-707-100R	150	0:43	0:110				0:33 (7210)
	806 R-707-300	177	0:45	0:112				0:33 (7210)
	808 R-707-300R	119	0:47	0:114				0:33 (7210)
	809 R-707-300C	16	0:44	0:112				0:33 (7210)
	825 CV-880	1	0:43	0:110				0:33 (7210)
	TOTAL	2053	0:44	0:111				
ROUTE SUMMARY		6344	0:45	0:112	674	0:43	0:110	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-44

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT SEA => SFO
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME
		#FLIGHTS	AVG AIR TIME	AVG AIR TIME	AVG AIR TIME	(DATE)
PA	808 R-707-300R	4	1:28	0:06		1:23 (7203)
	809 R-707-300C	1	1:28	0:05		1:23 (7203)
	816 R-747	164	1:34	0:11		1:23 (7203)
	TOTAL	169	1:33	0:11		
UA	620 R-737-200	20	1:36	0:14		1:23 (7203)
	710 H-727-100	822	1:34	0:12		1:23 (7203)
	711 H-727-100C/DC	479	1:35	0:12		1:23 (7203)
	715 R-727-200	301	1:35	0:13		1:23 (7203)
	842 DC-8-20	425	1:36	0:14		1:23 (7203)
	844 DC-8-30	193	1:37	0:14		1:23 (7203)
	848 DC-8-50	84	1:34	0:12		1:23 (7203)
	850 DC-8-50F	36	1:35	0:13		1:23 (7203)
	851 DC-8-61	113	1:36	0:14		1:23 (7203)
	854 DC-8-62	31	1:36	0:13		1:23 (7203)
	TOTAL	2504	1:35	0:13		
WA	620 R-737-200	1088	1:37	0:15		1:23 (7203)
	715 R-727-200	148	1:31	0:08		1:23 (7203)
	809 H-707-300C	1010	1:33	0:11	1:27 0:04	1:23 (7203)
	814 R-720-000R	2246	1:35	0:13	1:27 0:04	1:23 (7203)
	TOTAL					
ROUTE SUMMARY		4919	1:35	0:13	1:27 0:04	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-45

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> LAX
STAGE LENGTH = 338 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	R09 R-707-300C	66	0:52	0:05				0:46 (7212)
	TOTAL	66	0:52	0:05				
RN	R4R DC-8-50	2	0:57	0:11				0:46 (7212)
	R54 DC-8-62	153	0:55	0:08				0:46 (7212)
	TOTAL	155	0:55	0:08				
DL	S55 L-100-20				166	1:09	-0:04	1:13 (7201)
	R4R DC-8-50	228	0:48	0:02				0:46 (7212)
	TOTAL	228	0:48	0:02	166	1:09	-0:04	
NW	R0R H-707-300H	1	0:53	0:07				0:46 (7212)
	R16 H-747	313	0:55	0:08				0:46 (7212)
	TOTAL	314	0:55	0:08				
PA	R0R H-707-300H	132	0:53	0:07				0:46 (7212)
	R09 H-707-300C	168	0:54	0:07	4	0:49	0:03	0:46 (7212)
	R16 H-747	720	0:53	0:07	83	0:54	0:08	0:46 (7212)
	TOTAL	1020	0:53	0:07	87	0:54	0:07	
RW	630 DC-9-10	275	0:51	0:05				0:46 (7212)
	640 DC-9-50	430	0:53	0:07	46	0:47	0:01	0:46 (7212)
	TOTAL	705	0:52	0:06	46	0:47	0:01	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-45 (Continued)

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFI) ==> LAX (CONTINUED)
STAGE LENGTH = 338 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
TN	710 H-727-100	132	0:52	0:06				0:46 (7212)
	711 H-727-100C/DC	34	0:52	0:05				0:46 (7212)
	715 H-727-200	151	0:52	0:05				0:46 (7212)
	760 L-1011	12	0:49	0:03	68	0:53	0:07	0:46 (7212)
	802 R-707-100R	949	0:51	0:05	16	0:54	0:07	0:46 (7212)
	806 R-707-300R	201	0:51	0:05				0:46 (7212)
	808 R-707-300H	697	0:51	0:05	1	0:53	0:07	0:46 (7212)
	809 R-707-300C	288	0:51	0:05	23	0:52	0:05	0:46 (7212)
	816 R-747	185	0:54	0:07				0:46 (7212)
	TOTAL	2689	0:51	0:05	108	0:53	0:06	
UA	620 H-737-200	1362	0:52	0:06				0:46 (7212)
	710 H-727-100	2005	0:50	0:04				0:46 (7212)
	711 R-727-100C/DC	1024	0:51	0:05	246	0:48	0:02	0:46 (7212)
	715 R-727-200	182	0:50	0:04	1	0:47	0:01	0:46 (7212)
	730 DC-10-10	13	0:53	0:06	1	0:56	0:10	0:46 (7212)
	816 H-747	26	0:54	0:08				0:46 (7212)
	842 DC-8-20	238	0:51	0:05	147	0:50	0:03	0:46 (7212)
	844 DC-8-10	62	0:52	0:06	43	0:48	0:02	0:46 (7212)
	848 DC-8-50	119	0:50	0:04	52	0:50	0:03	0:46 (7212)
	850 DC-8-50F	96	0:51	0:05				0:46 (7212)
WA	851 DC-8-61	273	0:50	0:04	82	0:50	0:04	0:46 (7212)
	854 DC-8-62	112	0:51	0:04	9	0:47	0:01	0:46 (7212)
	TOTAL	5512	0:51	0:05	585	0:49	0:02	
WA	620 H-737-200	1746	0:52	0:05				0:46 (7212)
	715 H-727-200	406	0:51	0:05	55	0:51	0:05	0:46 (7212)
	809 R-707-300C	967	0:50	0:04	6	0:46	-0:00	0:46 (7212)
	814 H-720-000H				504	0:47	0:01	0:46 (7212)
	TOTAL	3119	0:51	0:05	565	0:47	0:01	
ROUTE SUMMARY		13408	0:51	0:05	1557	0:51	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-46

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFII ==> ORD
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 R-727-100	2	3:37	0:12	1	3:33	0:08	3:25	(7204)
	715 R-727-200	3	3:50	0:05				3:25	(7204)
	730 DC-10-10	249	3:52	0:07				3:25	(7204)
	A02 R-707-100H	659	3:38	0:15	214	3:32	0:07	3:25	(7204)
	A08 R-707-300H	37	3:32	0:07	7	3:25	0:01	3:25	(7204)
	A09 R-707-300C	348	3:33	0:08	23	3:35	0:10	3:25	(7204)
	A16 R-747	155	3:28	0:05				3:25	(7204)
	TOTAL	1453	3:54	0:10	245	3:32	0:07		
TW	710 R-727-100	1	3:45	0:20	1	3:23	-0:02	3:25	(7204)
	715 R-727-200				1	3:25	0:00	3:25	(7204)
	760 L-1011	166	3:50	0:05	98	3:20	-0:04	3:25	(7204)
	A02 R-707-100H	669	3:36	0:11	204	3:30	0:06	3:25	(7204)
	A06 R-707-300	4	3:52	0:28				3:25	(7204)
	A08 R-707-300H	3	3:40	0:15	1	3:38	0:13	3:25	(7204)
	A16 R-747	122	3:37	0:13	5	3:28	0:04	3:25	(7204)
	TOTAL	965	3:55	0:11	310	3:27	0:02		
UA	710 R-727-100	2	3:39	0:14	7	3:31	0:06	3:25	(7204)
	715 R-727-200				1	3:27	0:02	3:25	(7204)
	730 DC-10-10	158	3:33	0:08	105	3:25	0:00	3:25	(7204)
	A16 R-747	257	3:37	0:12	2	3:21	-0:04	3:25	(7204)
	A42 DC-8-20	80	3:41	0:16	5	3:38	0:13	3:25	(7204)
	A44 DC-8-50	14	3:39	0:15	1	3:29	0:04	3:25	(7204)
	A48 DC-8-50	62	3:40	0:16	8	3:29	0:04	3:25	(7204)
	A50 DC-8-50F	283	3:37	0:12	68	3:27	0:02	3:25	(7204)
	A51 DC-8-61	526	3:42	0:17	236	3:31	0:07	3:25	(7204)
	A54 DC-8-62	99	3:36	0:11	7	3:29	0:04	3:25	(7204)
	TOTAL	1485	3:38	0:14	440	3:29	0:05		
		3003	3:36	0:12	995	3:29	0:05		

ROUTE SUMMARY

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-47

AIRBORNE DELAYS DURING 1973
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SF0 ==> SEA
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
PA	R08 R-707-300H	6	1:31	0:08				1:24 (7206)
	R09 R-707-300C	1	1:46	0:22				1:24 (7206)
	816 R-747	167	1:28	0:05				1:24 (7206)
	TOTAL	174	1:29	0:05				
UA	620 R-737-200	19	1:35	0:11				1:24 (7206)
	710 R-727-100	1190	1:28	0:05				1:24 (7206)
	711 R-727-100C/OC	549	1:29	0:06				1:24 (7206)
	715 R-727-200	89	1:28	0:05				1:24 (7206)
	842 DC-8-20	307	1:31	0:07				1:24 (7206)
	844 DC-8-30	84	1:32	0:08				1:24 (7206)
	848 DC-8-50	104	1:29	0:06				1:24 (7206)
	851 DC-8-61	193	1:29	0:06				1:24 (7206)
	854 DC-8-62	99	1:30	0:06				1:24 (7206)
	TOTAL	2634	1:29	0:05				
WA	620 R-737-200	1100	1:32	0:08				1:24 (7206)
	715 R-727-200	192	1:27	0:04		1:31	0:07	1:24 (7206)
	814 R-720-000H	1006	1:27	0:04		1:26	0:03	1:24 (7206)
	TOTAL	2298	1:29	0:06	361	1:27	0:03	
ROUTE SUMMARY		5106	1:29	0:06	361	1:27	0:03	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-2-48

ATRRHNE DELAYS DURING 1973
CATEGORIZED BY MINUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT STL ==> 1100
STAGE LENGTH = 258 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NUMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	535	0150	0112				0138	(7211)
	715 H-727-200	231	0149	0110				0138	(7211)
	R02 H-707-100H	414	0148	0109				0138	(7211)
	R08 H-707-300H	55	0149	0110				0138	(7211)
	R09 H-707-300C	115	0152	0113				0138	(7211)
	TOTAL	1350	0149	0111					
DL	630 DC-9-10	364	0149	0111	1	0140	0102	0138	(7211)
	640 DC-9-30	2668	0151	0112	206	0140	0101	0138	(7211)
	R25 CV-880	350	0146	0108	1	0139	0101	0138	(7211)
	TOTAL	3382	0150	0112	208	0140	0101		
OZ	630 DC-9-10	729	0150	0112	9	0142	0103	0138	(7211)
	640 DC-9-30	808	0152	0113	26	0141	0103	0138	(7211)
	TOTAL	1537	0151	0113	35	0141	0103		
ROUTE SUMMARY		6269	0150	0112	243	0140	0102		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-1

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT ATL ==> DFH
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	2	1:54	0:19	3	1:40	0:05	1:35 (7404)
	710 H-727-100				1	1:41	0:06	1:35 (7404)
	715 H-727-200				302	1:36	0:01	1:35 (7404)
	760 L-1011	342	1:45	0:11				1:35 (7404)
	816 H-747	561	1:39	0:04				1:35 (7404)
	848 DC-8-50	784	1:43	0:04	1	1:39	0:04	1:35 (7404)
	851 DC-8-61	145	1:46	0:11				1:35 (7404)
	TOTAL	1834	1:42	0:08	307	1:36	0:01	
EA	630 DC-9-10	118	1:42	0:08				1:35 (7404)
	640 DC-9-30	397	1:48	0:13				1:35 (7404)
	710 H-727-100	154	1:38	0:03	87	1:46	0:11	1:35 (7404)
	711 H-727-100C/DC	153	1:39	0:04	2	1:38	0:04	1:35 (7404)
	715 H-727-200	155	1:39	0:04				1:35 (7404)
	TOTAL	977	1:43	0:08	89	1:45	0:11	
ROUTE SUMMARY		2811	1:42	0:08	396	1:38	0:03	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-2

AIRPORT DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL >>> MIA
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	HUSY (0700-2259)-----		DULL (2300-0659)-----		NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	(DATE)
DL	640 DC-9-30	4	1:24	0:09			1:15 (7209)
	710 H-727-100	10	1:19	0:05			1:15 (7209)
	715 H-727-200	323	1:17	0:02			1:15 (7209)
	730 DC-10-10	315	1:20	0:05	85	1:13	1:15 (7209)
	760 L-1011	239	1:22	0:07	1	1:18	1:15 (7209)
	816 H-747	97	1:18	0:03			1:15 (7209)
	848 DC-8-50	464	1:20	0:05	18	1:16	1:15 (7209)
	851 DC-8-61	203	1:20	0:05	208	1:16	1:15 (7209)
	TOTAL	1655	1:20	0:05	312	1:15	0:01
EA	630 DC-9-10	1	1:25	0:10			1:15 (7209)
	640 DC-9-50	636	1:24	0:09	8	1:20	1:15 (7209)
	710 H-727-100	566	1:21	0:06	112	1:19	1:15 (7209)
	711 H-727-100C/QC	37	1:20	0:05	42	1:14	1:15 (7209)
	715 H-727-200	39	1:20	0:06	18	1:15	1:15 (7209)
	760 L-1011	79	1:17	0:02	3	1:15	1:15 (7209)
	TOTAL	1158	1:22	0:07	183	1:18	0:03
NW	710 H-727-100	396	1:22	0:07			1:15 (7209)
	715 H-727-200	11	1:22	0:07			1:15 (7209)
	733 DC10-40	45	1:24	0:09			1:15 (7209)
	808 H-707-300H	1	1:25	0:10			1:15 (7209)
	809 H-707-300C	1	1:28	0:13			1:15 (7209)
	TOTAL	454	1:22	0:07			
UA	620 H-737-200	1	1:30	0:15			1:15 (7209)
	710 H-727-100	465	1:20	0:06			1:15 (7209)
	711 H-727-100C/QC	7	1:22	0:07			1:15 (7209)
	715 H-727-200	6	1:22	0:07			1:15 (7209)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-2 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ATL => MIA (CONTINUED) STAGE LENGTH = 595 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
UA (CONT)	TOTAL	479	1121	0:06					
ROUTE SUMMARY		5746	1121	0:06	495	1116	0:01		

TABLE I-3-3

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT ATL ==> ORD
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			MINIMAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	418	1:31	0:16	2	1:27	0:13	1:15 (7204)
	715 H-727-200	427	1:40	0:25	1	1:24	0:09	1:15 (7204)
	730 DC-10-10	221	1:35	0:18				1:15 (7204)
	760 L-1011	146	1:49	0:34	86	1:30	0:15	1:15 (7204)
	816 R-747	119	1:31	0:16				1:15 (7204)
	844 DC-8-30	8	1:34	0:20	1	1:24	0:09	1:15 (7204)
	848 DC-8-50	18	1:35	0:21	58	1:29	0:14	1:15 (7204)
TOTAL		1365	1:36	0:21	148	1:29	0:15	
EA	630 DC-9-10	536	1:30	0:16				1:15 (7204)
	640 DC-9-30	359	1:35	0:20	6	1:28	0:14	1:15 (7204)
	710 H-727-100	301	1:34	0:19	1	1:20	0:05	1:15 (7204)
	711 H-727-100C/QC	124	1:32	0:17	4	1:25	0:10	1:15 (7204)
	715 H-727-200	140	1:36	0:21	315	1:23	0:08	1:15 (7204)
	760 L-1011							
	TOTAL	1440	1:33	0:18	326	1:23	0:08	
NW	710 H-727-100	474	1:41	0:27				1:15 (7204)
	715 H-727-200	6	1:51	0:37				1:15 (7204)
	733 DC10-40	91	1:39	0:24				1:15 (7204)
	809 P-707-300C	1	1:29	0:14				1:15 (7204)
	TOTAL	572	1:41	0:26				
ROUTE SUMMARY		3377	1:36	0:21	474	1:26	0:10	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-4

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT HOS ==> JCA
STAGE LENGTH = 7.9 ST. MILES

AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	1194	1:03	0:04						0:59 (7210)
	715 H-727-200	895	1:04	0:05						0:59 (7210)
	802 H-707-100H	2	1:24	0:25						0:59 (7210)
	TOTAL	2091	1:04	0:04						
AL	430 CV-580	4	1:53	0:22						1:30 (7204)
	605 H-1-11-200	263	1:08	0:08						0:59 (7210)
	TOTAL	267	1:08	0:09						
DL	640 DC-9-50	240	1:03	0:03						0:59 (7210)
	710 H-727-100	55	1:01	0:01						0:59 (7210)
	715 H-727-200	2198	1:02	0:02						0:59 (7210)
	TOTAL	2493	1:02	0:02						
EA	550 L-1011A-08/100C	17	1:32	0:02						1:30 (7204)
	630 DC-9-10	3	1:08	0:09						0:59 (7210)
	640 DC-9-50	1127	1:07	0:07						0:59 (7210)
	710 H-727-100	292	1:05	0:05						0:59 (7210)
	711 H-727-100C/UC	122	1:06	0:06						0:59 (7210)
	715 H-727-200	178	1:05	0:06						0:59 (7210)
	TOTAL	1739	1:06	0:07						
ROUTE SUMMARY		6590	1:04	0:04						

---ALL TIMES ARE IN HOURS AND MINUTES---

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TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS F/G 1/2
AIRLINE DELAY TRENDS, 1973-1974. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
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TABLE I-3-5

ALPHA DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT HOS == FWR
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	43	0:46	0:06	326	0:43	0:04	0:40 (7210)
	710 R-727-100	1	0:50	0:10				0:40 (7210)
	715 R-727-200	171	0:45	0:05	2	0:43	0:03	0:40 (7210)
	760 L-1011				55	0:47	0:07	0:40 (7210)
	RS1 DC-M-61	148	0:48	0:08	86	0:43	0:04	0:40 (7210)
TOTAL		363	0:46	0:06	469	0:44	0:04	
FA	550 L-1011-OR/1MRC	27	0:56	0:17				0:40 (7212)
	630 DC-9-10	194	0:48	0:08				0:40 (7210)
	640 DC-9-30	RR5	0:47	0:08				0:40 (7210)
	710 R-727-100	232	0:44	0:05				0:40 (7210)
	711 R-727-100C/DC	148	0:45	0:06				0:40 (7210)
	715 R-727-200	356	0:44	0:05				0:40 (7210)
	760 L-1011	406	0:46	0:06				0:40 (7210)
TOTAL		2248	0:46	0:07				
ROUTE SUMMARY		2611	0:46	0:07	469	0:44	0:04	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-6

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT R05 => JFK
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	7	0:45	0:15				0:29 (7203)
	715 H-727-200	12	0:34	0:10				0:29 (7203)
	730 DC-10-10	190	0:20	0:11				0:29 (7203)
	802 H-707-100H	587	0:19	0:11				0:29 (7203)
	808 H-707-300H	34	0:39	0:10				0:29 (7203)
	809 H-707-300C	66	0:42	0:13				0:29 (7203)
	816 H-747	1	1:56	1:27				0:29 (7203)
	TOTAL	901	0:40	0:11				
DL	640 DC-9-30	266	0:47	0:18	1	0:33	0:04	0:29 (7203)
	715 H-727-200	488	0:37	0:08	1	0:46	0:17	0:29 (7203)
	760 L-1011				1	0:33	0:04	0:29 (7203)
	848 DC-8-50				57	0:43	0:14	0:29 (7203)
	851 DC-8-61				60	0:42	0:14	0:29 (7203)
	TOTAL	754	0:40	0:12				
FA	640 DC-9-30	43	0:37	0:09	5	0:42	0:13	0:29 (7203)
	710 H-727-100	171	0:37	0:09	5	0:35	0:07	0:29 (7203)
	715 H-727-100C/QC	4	0:38	0:09	1	0:41	0:12	0:29 (7203)
	TOTAL	218	0:37	0:09	125	0:38	0:10	0:29 (7203)
					134	0:39	0:10	
NA	710 H-727-100	60	0:50	0:21				0:29 (7203)
	715 H-727-200	199	0:44	0:15				0:29 (7203)
	842 DC-8-20	59	0:45	0:16				0:29 (7203)
	850 DC-8-50F	24	0:40	0:11				0:29 (7203)
	851 DC-8-61	21	0:46	0:17				0:29 (7203)
	TOTAL	363	0:45	0:16				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-6 (Continued)

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT R05 ==> JFK (CONTINUED)									
STAGE LENGTH = 187 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		FLIGHTS	AVG AIR TIME	AVG AIR DELAY	FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
PA	R09 H-707-300C	4	0:43	0:15				0:29	(7203)
	TOTAL	4	0:43	0:15					
TW	710 H-727-100	1	0:33	0:04				0:29	(7203)
	R02 H-707-100H	87	0:39	0:10				0:29	(7203)
	R06 H-707-100	20	0:52	0:23				0:29	(7203)
	R08 H-707-100H	31	0:40	0:11				0:29	(7203)
	R09 H-707-300C	2	0:39	0:11	162	0:39	0:11	0:29	(7203)
	TOTAL	141	0:41	0:12	162	0:39	0:11		
UA	850 DC-H-50F	156	0:44	0:16				0:29	(7203)
	TOTAL	156	0:44	0:16					
ROUTE SUMMARY		2537	0:41	0:12	356	0:40	0:11		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-7

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> LGA
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	1191	0:40	0:10				
	715 H-727-200	970	0:40	0:10			0:30 (7211)	
	TOTAL	2161	0:40	0:10			0:30 (7211)	
DL	640 DC-9-30	380	0:36	0:06				
	715 H-727-200	352	0:33	0:03			0:30 (7211)	
	TOTAL	732	0:34	0:04			0:30 (7211)	
EA	550 L-188A-08/188C	2760	0:49	0:11				
	640 DC-9-30	5631	0:40	0:10			0:38 (7209)	
	710 H-727-100	85	0:44	0:14			0:30 (7211)	
	711 H-727-100C/QC	27	0:42	0:12			0:30 (7211)	
	715 H-727-200	161	0:43	0:13			0:30 (7211)	
	TOTAL	8664	0:45	0:10			0:30 (7211)	
ROUTE SUMMARY		11537	0:42	0:10				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-8

ALBUQUERQUE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT RUS 222 PM
STAGE LENGTH = 240 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY	#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY		
AA	710 H-727-100	1	1:00	0:18				0:42 (7210)	
	715 H-727-200	75	0:55	0:12				0:42 (7210)	
	730 DC-10-10	121	0:55	0:12				0:42 (7210)	
	802 H-707-100H	130	0:55	0:15				0:42 (7210)	
	808 H-707-300H	32	0:54	0:11				0:42 (7210)	
	TOTAL	429	0:55	0:13					
AL	430 CV-580	23	1:15	-0:09				1:24 (7204)	
	605 H-1-11-200	1828	1:00	0:17				0:42 (7210)	
	640 DC-9-30	2241	0:57	0:14				0:42 (7210)	
	TOTAL	4092	0:58	0:15					
DL	640 DC-9-30	902	0:57	0:15				0:42 (7210)	
	715 H-727-200	1037	0:54	0:12	27	0:55	0:13	0:42 (7210)	
	TOTAL	1939	0:56	0:13	27	0:55	0:13		
EA	710 H-727-100	104	0:57	0:15				0:42 (7210)	
	711 H-727-100C/QC	61	0:57	0:14				0:42 (7210)	
	715 H-727-200	14	0:55	0:13				0:42 (7210)	
	TOTAL	179	0:57	0:14					
PA	808 H-707-300H	101	1:00	0:17				0:42 (7210)	
	809 H-707-300C	41	0:58	0:16				0:42 (7210)	
	TOTAL	142	0:59	0:17					
ROUTE SUMMARY		6781	0:57	0:15	27	0:55	0:13		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-9

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT CLF => DTM STAGE LENGTH = 95 ST. MILES									
AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AL	605 H-11-200	26	0:25	0:08				0:18	(7202)
	TOTAL	26	0:25	0:08					
DL	640 DC-9-30	357	0:20	0:02				0:18	(7202)
	TOTAL	357	0:20	0:02					
FA	710 H-727-100	34	0:24	0:07				0:18	(7202)
	711 H-727-100/DC	H	0:25	0:08				0:18	(7202)
	TOTAL	42	0:24	0:07					
NC	430 CV-580	1409	0:28	0:04				0:24	(7209)
	640 DC-9-30	542	0:24	0:06				0:18	(7202)
	TOTAL	1951	0:27	0:04					
NW	710 H-727-100	102	0:23	0:06	197	0:23	0:06	0:18	(7202)
	715 B-727-200	87	0:24	0:06	34	0:23	0:06	0:18	(7202)
	TOTAL	189	0:23	0:06	231	0:23	0:06		
UA	850 DC-8-50F							0:18	(7202)
	TOTAL				162	0:22	0:05		
ROUTE SUMMARY		2545	0:25	0:04	393	0:23	0:05		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-10

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> HOS
STAGE LENGTH = 399 ST. MILES

AIRLINE	AIRCRAFT	-----HUSV (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	1206	0:58	0:05				0153 (7204)
	715 B-727-200	793	0:58	0:06				0153 (7204)
	TOTAL	1999	0:58	0:05				
AL	430 CV-580	2	1:21	0:11				1110 (7212)
	605 B-1-11-200	290	1:03	0:11				0:53 (7204)
	640 DC-9-30	6	0:57	0:04				0:53 (7204)
	TOTAL	298	1:03	0:11				
DL	640 DC-9-30	7	0:54	0:01				0:53 (7204)
	715 H-727-200	2435	1:00	0:07				0:53 (7204)
	TOTAL	2442	1:00	0:07				
FA	550 L-1011A-0R/100C	17	1:14	0:04				1110 (7212)
	630 DC-9-10	195	0:59	0:06				0:53 (7204)
	640 DC-9-30	757	1:00	0:07				0:53 (7204)
	710 H-727-100	201	0:57	0:04				0:53 (7204)
	711 B-727-100C/DC	11	0:57	0:04				0:53 (7204)
	715 H-727-200	473	0:58	0:05				0:53 (7204)
	TOTAL	1654	0:59	0:06				
ROUTE SUMMARY		6393	0:59	0:06				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-11

ALPHABETIC DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> LGA STAGE LENGTH = 214 ST. MILES		-----BUSY (0700-2259)-----				-----IDLE (2300-0659)-----				MINIMAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	1353	0:42	0:14						0:29 (7211)
	715 H-727-200	490	0:45	0:16						0:29 (7211)
	MDA H-707-300H	1	0:42	0:13						0:29 (7211)
	TOTAL	1844	0:43	0:14						
FA	550 L-188A-0R/188C	2743	0:49	0:11						0:58 (7201)
	630 DC-9-10	1	0:59	0:10						0:29 (7211)
	640 DC-9-30	5592	0:42	0:14						0:29 (7211)
	710 H-727-100	242	0:42	0:13						0:29 (7211)
	711 H-727-100C/QC	60	0:41	0:12						0:29 (7211)
	715 H-727-200	145	0:46	0:17						0:29 (7211)
	TOTAL	8781	0:45	0:13						
NA	710 H-727-100	3	0:37	0:08						0:29 (7211)
	715 H-727-200	139	0:41	0:15						0:29 (7211)
	TOTAL	142	0:41	0:13						
ROUTE SUMMARY		10767	0:44	0:15						

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-12

ALPHABETIC DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA >>> ORD
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	2005	1:45	0:23				1122 (7207)
	715 H-727-200	1039	1:45	0:21				1122 (7207)
	TOTAL	3044	1:44	0:22				
TW	710 H-727-100	544	1:39	0:17				1122 (7207)
	711 H-727-100C/DC	105	1:39	0:17				1122 (7207)
	715 H-727-200	974	1:45	0:23				1122 (7207)
	TOTAL	1423	1:43	0:21				
UA	620 H-737-200	213	1:44	0:22				1122 (7207)
	710 H-727-100	422	1:47	0:25				1122 (7207)
	711 H-727-100C/DC	162	1:41	0:19				1122 (7207)
	715 H-727-200	987	1:45	0:23				1122 (7207)
	TOTAL	1784	1:45	0:23				
ROUTE SUMMARY		6251	1:44	0:22				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-13

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT DEN ==> ORD
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
CO	715 R-727-200	720	1:55	0:14	8	1:48	0:07	1:41 (7212)
	730 DC-10-10	689	1:54	0:13	85	1:43	0:02	1:41 (7212)
	814 R-720-000H	26	1:55	0:14				1:41 (7212)
	TOTAL	1435	1:55	0:13	93	1:44	0:02	
TW	710 R-727-100	154	1:55	0:14				1:41 (7212)
	711 R-727-100C/QC	43	1:54	0:13				1:41 (7212)
	715 R-727-200	400	2:01	0:19				1:41 (7212)
	802 R-707-100H	342	1:57	0:16				1:41 (7212)
	806 R-707-100	22	1:51	0:10				1:41 (7212)
	808 R-707-300H	52	1:57	0:16				1:41 (7212)
	809 R-707-300C	4	1:58	0:17				1:41 (7212)
	825 CV-880	167	1:50	0:09				1:41 (7212)
	TOTAL	1184	1:57	0:16				
UA	620 R-737-200	5	2:09	0:27				1:41 (7212)
	710 R-727-100	346	1:58	0:16				1:41 (7212)
	711 R-727-100C/QC	41	1:55	0:14				1:41 (7212)
	715 R-727-200	39	1:54	0:13				1:41 (7212)
	730 DC-10-10	590	2:00	0:19				1:41 (7212)
	816 R-747	27	2:00	0:19				1:41 (7212)
	842 DC-8-20	78	1:56	0:15				1:41 (7212)
	844 DC-8-50	11	2:01	0:20				1:41 (7212)
	848 DC-8-60	36	1:55	0:14				1:41 (7212)
	851 DC-8-61	174	1:58	0:17				1:41 (7212)
	854 DC-8-62	34	1:50	0:09				1:41 (7212)
	TOTAL	1361	1:58	0:17				
ROUTE SUMMARY		4000	1:57	0:15	93	1:44	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-14

ALPHABETIC DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DFW ==> ATL
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	-----RUSK (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	241	1:39	0:12				1:27 (7402)
	710 H-727-100	1	1:44	0:17				1:27 (7402)
	715 H-727-200	375	1:37	0:10				1:27 (7402)
	760 L-1011	604	1:36	0:09	4	1:33	0:06	1:27 (7402)
	816 H-747	279	1:40	0:13				1:27 (7402)
	848 DC-8-50	153	1:33	0:08	324	1:30	0:03	1:27 (7402)
	951 DC-8-61	172	1:35	0:08	6	1:35	0:07	1:27 (7402)
	TOTAL	1825	1:37	0:10	334	1:30	0:03	
FA	630 DC-9-10	119	1:48	0:21				1:27 (7402)
	640 DC-9-30	240	1:36	0:09				1:27 (7402)
	710 H-727-100	413	1:38	0:11				1:27 (7402)
	711 H-727-100C/QC	121	1:36	0:09				1:27 (7402)
	715 H-727-200	5	1:33	0:06				1:27 (7402)
	TOTAL	938	1:38	0:11				
ROUTE SUMMARY		2763	1:37	0:10	334	1:30	0:03	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-13

SEGMENT DEN ==> ORD
STAGE LENGTH = 900 ST. MILES

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
CO	715 H-727-200	720	1:55	0:14	8	1:48	0:07	1:41	(7212)
	730 DC-10-10	689	1:54	0:13	85	1:43	0:02	1:41	(7212)
	814 H-720-000H	26	1:55	0:14				1:41	(7212)
	TOTAL	1435	1:55	0:13	93	1:44	0:02		
TW	710 H-727-100	154	1:55	0:14				1:41	(7212)
	711 H-727-100C/DC	43	1:54	0:13				1:41	(7212)
	715 H-727-200	400	2:01	0:19				1:41	(7212)
	802 H-707-100H	542	1:57	0:16				1:41	(7212)
	806 H-707-100	22	1:51	0:10				1:41	(7212)
	808 H-707-300H	52	1:57	0:16				1:41	(7212)
	809 H-707-300C	4	1:58	0:17				1:41	(7212)
	825 CV-880	167	1:50	0:09				1:41	(7212)
	TOTAL	1184	1:57	0:16					
UA	620 H-737-200	5	2:09	0:27				1:41	(7212)
	710 H-727-100	546	1:58	0:16				1:41	(7212)
	711 H-727-100C/DC	41	1:55	0:14				1:41	(7212)
	715 H-727-200	39	1:54	0:13				1:41	(7212)
	730 DC-10-10	590	2:00	0:19				1:41	(7212)
	816 H-747	27	2:00	0:19				1:41	(7212)
	842 DC-8-20	78	1:56	0:15				1:41	(7212)
	844 DC-8-30	11	2:01	0:20				1:41	(7212)
	848 DC-8-50	36	1:55	0:14				1:41	(7212)
	851 DC-8-61	174	1:58	0:17				1:41	(7212)
	854 DC-8-62	34	1:50	0:09				1:41	(7212)
	TOTAL	1381	1:58	0:17					
ROUTE SUMMARY		4000	1:57	0:15	93	1:44	0:02		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-15

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW ==> LCA
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	2249	1:11	0:07						1:04 (7210)
	715 R-727-200	915	1:11	0:07						1:04 (7210)
	TOTAL	3162	1:11	0:07						
ROUTE SUMMARY		3152	1:11	0:07						

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-16

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW EMD ORD
STAGE LENGTH = 245 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		-----		NOMINAL TIME (COATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	227	0151	0113				0138 (7205)
	715 H-727-200	404	0152	0114				0138 (7205)
	730 DC-10-10	729	0147	0109				0138 (7205)
	802 H-707-100H	416	0151	0112	16	0140	0101	0138 (7205)
	808 H-707-300H	64	0144	0109	4	0139	0101	0138 (7205)
	809 H-707-300C	72	0148	0109	42	0140	0101	0138 (7205)
	816 H-747	6	0147	0104				0138 (7205)
	TOTAL	1922	0150	0111	62	0140	0101	
DL	640 DC-9-30	344	0147	0109				0138 (7205)
	TOTAL	344	0147	0109				
FA	710 H-727-100	15	0142	0104				0138 (7205)
	711 H-727-100C/DC	7	0147	0104				0138 (7205)
	715 H-727-200	3	0143	0104				0138 (7205)
	TOTAL	25	0144	0105				
NW	710 H-727-100	551	0153	0115	2	0139	0101	0138 (7205)
	715 H-727-200	61	0151	0113	1	0146	0104	0138 (7205)
	735 DC10-40	286	0147	0108	122	0144	0105	0138 (7205)
	808 H-707-300H	2	0141	0103				0138 (7205)
	809 H-707-300C	185	0147	0109	1	0134	-0100	0138 (7205)
	816 H-747	100	0150	0111	144	0143	0105	0138 (7205)
	TOTAL	1185	0150	0112	270	0144	0105	
PA	809 H-707-300C	153	0149	0110	31	0147	0104	0138 (7205)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-16 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
SEGMENT DTW ==> ORD (CONTINUED) STAGE LENGTH = 215 ST. MILES						
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY		-----DULL (2300-0659)----- #FLIGHTS AVG AIR TIME DELAY		NOMINAL TIME (DATE)
PA (CONT)	TOTAL	153	0149	0110	31	0147
						0104
UA	620 H-737-200	757	0149	0110		0138 (7205)
	710 H-727-100	38	0152	0114		0138 (7205)
	711 H-727-100C/DC	5	0148	0109		0138 (7205)
	730 DC-10-10	164	1102	0123		0138 (7205)
	842 DC-8-20	54	0144	0110		0138 (7205)
	848 DC-8-50	14	0147	0104		0138 (7205)
	851 DC-8-61	83	0151	0113		0138 (7205)
	854 DC-8-62	3	0149	0110		0138 (7205)
	TOTAL	1116	0151	0112		
ROUTE SUMMARY		4745	0150	0111	565	0143
						0105

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-17

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT FWP ==> HOS
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0650)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	715 B-727-200	150	0:35	0:11				0:24 (7210)
	RS1 DC-B-61	150	0:38	0:14				0:24 (7210)
	TOTAL	300	0:37	0:13				
EA	550 L-188A-08/188C	23	0:45	0:07				0:36 (7201)
	630 DC-9-10	2	0:38	0:14				0:24 (7210)
	640 DC-9-30	10	0:38	0:14				0:24 (7210)
	710 H-727-100	218	0:36	0:12	5	0:51	0:07	0:24 (7210)
	711 H-727-100C/DC	64	0:35	0:11	82	0:53	0:09	0:24 (7210)
	715 H-727-200	260	0:38	0:13	27	0:54	0:09	0:24 (7210)
	760 L-1011	495	0:38	0:13				0:24 (7210)
TOTAL		1472	0:38	0:13	114	0:53	0:09	
ROUTE SUMMARY		2172	0:38	0:13	114	0:53	0:09	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-18

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT FHR ==> ORD
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2250)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	22	1:50	0:19				1:32 (7203)
	R02 R-707-100H	729	1:56	0:24				1:32 (7203)
	R08 R-707-500R	214	2:01	0:30				1:32 (7203)
	R09 R-707-500C	424	2:01	0:30				1:32 (7203)
	TOTAL	1349	1:59	0:27				
TW	710 R-727-100	4	1:54	0:22				1:32 (7203)
	711 R-727-100C/DC	2	1:50	0:19				1:32 (7203)
	715 R-727-200	171	2:05	0:33				1:32 (7203)
	R02 R-707-100H	324	1:57	0:25				1:32 (7203)
	R06 R-707-300	22	1:44	0:16				1:32 (7203)
	R08 R-707-500R	24	1:52	0:20				1:32 (7203)
	R09 R-707-500C	3	2:08	0:36				1:32 (7203)
	B25 CV-880	75	2:06	0:34				1:32 (7203)
	TOTAL	633	2:00	0:24				
UA	620 R-737-200	2	2:10	0:39				1:32 (7203)
	710 R-727-100	74	1:59	0:24				1:32 (7203)
	711 R-727-100C/DC	3	2:14	0:41				1:32 (7203)
	715 R-727-200	139	2:14	0:42				1:32 (7203)
	730 DC-10-10	413	1:59	0:27				1:32 (7203)
	R16 R-747	140	1:57	0:25				1:32 (7203)
	R42 DC-8-20	109	2:04	0:37				1:32 (7203)
	R44 DC-8-30	5	2:10	0:39				1:32 (7203)
	R44 DC-8-50	30	1:58	0:26				1:32 (7203)
	R50 DC-8-50F	173	2:03	0:31	163	1:49	0:17	1:32 (7203)
	R51 DC-8-61	4	2:01	0:29				1:32 (7203)
	R54 DC-8-62							1:32 (7203)
	TOTAL	1046	2:02	0:31	163	1:49	0:17	
ROUTE SUMMARY		3114	2:00	0:24	163	1:49	0:17	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-19

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE
SEGMENT JFK => BOS
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 R-727-100	7	0134	0113				0121	(720R)
	730 DC-10-10	38	0135	0114				0121	(720R)
	802 R-707-100R	222	0136	0115	111	0134	0113	0121	(720R)
	808 R-707-300R	66	0135	0114	17	0133	0113	0121	(720R)
	809 R-707-300C	116	0137	0116	38	0132	0113	0121	(720R)
	TOTAL	449	0136	0115	166	0133	0112		
DL	640 DC-9-30	65	0135	0114	228	0131	0110	0121	(720R)
	710 R-727-100	3	0133	0112				0121	(720R)
	715 R-727-200	483	0130	0109	324	0130	0110	0121	(720R)
	760 L-1011				57	0141	0120	0121	(720R)
	851 DC-R-61				1	0143	0122	0121	(720R)
	TOTAL	551	0131	0110	610	0132	0111		
EA	640 DC-9-30	88	0139	0118				0121	(720R)
	710 R-727-100	30	0135	0114	40	0135	0114	0121	(720R)
	711 R-727-100C/DC	78	0135	0114	48	0133	0113	0121	(720R)
	715 R-727-200	24	0137	0116				0121	(720R)
	TOTAL	220	0137	0116	88	0134	0113		
NA	710 R-727-100	1	0134	0113				0121	(720R)
	715 R-727-200	132	0136	0115				0121	(720R)
	842 DC-8-20	1	0146	0125				0121	(720R)
	TOTAL	134	0136	0115					
PA	809 R-707-300C				6	0136	0115	0121	(720R)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-19 (Continued)

AIRBORNE DELAYS DURING 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT JFK -> BOS (CONTINUED)									
STAGE LENGTH = 187 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----OUL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
PA (CONT)	TOTAL								
TW	710 H-727-100	1	0:29	0:08					
	402 H-707-100R	96	0:35	0:14					0:21 (7208)
	406 H-707-300	14	0:48	0:17					0:21 (7208)
	408 H-707-300H	35	0:35	0:14					0:21 (7208)
	409 H-707-300C	156	0:36	0:15					0:21 (7208)
	416 H-747	1	0:55	0:14					0:21 (7208)
	TOTAL	308	0:36	0:15					
ROUTE SUMMARY		1662	0:34	0:13	870	0:32	0:11		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-20

SEGMENT JFK => MIA STAGE LENGTH = 1090 ST. MILES		AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE					MINIMAL TIME (DATE)	
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY	-----DULL (2300-0659)----- #FLIGHTS AVG AIR TIME DELAY					
RN	848 DC-R-50	16 2:32 0:18						2:14 (7209)
	854 DC-R-62	281 2:29 0:15						2:14 (7209)
	TOTAL	297 2:29 0:16						
DL	715 H-727-200	415 2:16 0:03						2:14 (7209)
	730 DC-10-10	106 2:30 0:17						2:14 (7209)
	760 L-1011	3 2:27 0:14						2:14 (7209)
	848 DC-R-50	156 2:25 0:11						2:14 (7209)
	851 DC-R-61	5 2:38 0:25						2:14 (7209)
	TOTAL	685 2:21 0:07						
EA	640 DC-9-30	9 2:38 0:24	6 2:43 0:29					2:14 (7209)
	710 H-727-100	184 2:25 0:12						2:14 (7209)
	711 B-727-100C/DC	450 2:23 0:09						2:14 (7209)
	715 H-727-200	298 2:25 0:11	2 2:23 0:10					2:14 (7209)
	760 L-1011	483 2:23 0:09						2:14 (7209)
	TOTAL	1424 2:24 0:10	8 2:58 0:24					
NA	710 H-727-100	7 2:21 0:07	1 2:09 0:05					2:14 (7209)
	715 H-727-200	8 2:25 0:11	192 2:18 0:04					2:14 (7209)
	730 DC-10-10	87 2:22 0:08						2:14 (7209)
	732 DC-10-30	51 2:23 0:09						2:14 (7209)
	816 H-747	97 2:25 0:12	1 2:33 0:19					2:14 (7209)
	842 DC-R-20	55 2:27 0:13	1 2:32 0:18					2:14 (7209)
	850 DC-R-50F	18 2:33 0:19						2:14 (7209)
	851 DC-R-61	18 2:27 0:14						2:14 (7209)
	TOTAL	341 2:25 0:11	195 2:18 0:04					

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-20 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT JFK => MIA (CONTINUED) STAGE LENGTH = 1090 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	(DATE)	
PA	710 B-727-100	4	2122	0108				2114 (7209)	
	808 H-707-500R	17	2126	0112				2114 (7209)	
	809 H-707-500C	5	2130	0116				2114 (7209)	
	TOTAL	26	2126	0112					
ROUTE SUMMARY		2773	2124	0110	203	2119	0105		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-21

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> ORD
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	111	3:29	0:15				3:14 (7205)
	715 H-727-200	121	3:36	0:22				3:14 (7205)
	730 DC-10-10	541	3:28	0:14	2	3:04	-0:10	3:14 (7205)
	802 H-707-100R	543	3:26	0:12	173	3:21	0:08	3:14 (7205)
	808 H-707-300R	66	3:25	0:11	68	3:18	0:04	3:14 (7205)
	809 H-707-300C	109	3:21	0:08	343	3:21	0:07	3:14 (7205)
	816 H-747	3	3:10	-0:03				3:14 (7205)
	TOTAL	1094	3:27	0:14	586	3:20	0:07	
CN	715 H-727-200	395	3:25	0:11	1	3:07	-0:10	3:14 (7205)
	730 DC-10-10	601	3:26	0:12	550	3:16	0:02	3:14 (7205)
	814 H-720-000R	79	3:21	0:08				3:14 (7205)
	TOTAL	1075	3:25	0:11	351	3:16	0:02	
TW	711 H-727-100C/DC							
	715 H-727-200	2	3:20	0:07				3:14 (7205)
	760 L-1011	4	3:27	0:14	1	3:19	0:05	3:14 (7205)
	802 H-707-100R	342	3:26	0:13	42	3:14	0:00	3:14 (7205)
	806 H-707-300	772	3:31	0:18	164	3:23	0:10	3:14 (7205)
	808 H-707-300R	12	3:43	0:29	8	3:18	0:05	3:14 (7205)
	809 H-707-300C	4	3:23	0:09	20	3:20	0:06	3:14 (7205)
	825 CV-880	1	3:25	0:11	147	3:20	0:07	3:14 (7205)
	TOTAL	1137	3:30	0:16	382	3:21	0:07	
UA	715 H-727-200							
	730 DC-10-10							3:14 (7205)
	816 H-747	403	3:35	0:22	1	3:23	0:09	3:14 (7205)
	842 DC-A-20	225	3:23	0:10	231	3:15	0:01	3:14 (7205)
	848 DC-A-50	49	3:32	0:18				3:14 (7205)
	850 DC-8-50F	12	3:32	0:18	165	3:20	0:06	3:14 (7205)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-21 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LAX ↔ ORD (CONTINUED) STAGE LENGTH = 1744 ST. MILES									
AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
UA (CONT)	RS1 DC-A-61	122	3:29	0:15	4	3:21	0:08	3:14 (7205)	
	RS4 DC-A-62	5	3:44	0:35	1	3:16	0:02	3:14 (7205)	
	TOTAL	814	3:31	0:17	403	3:17	0:10		
ROUTE SUMMARY		4520	3:28	0:14	1722	3:19	0:10		

TABLE I-3-22

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ↔ SFO
STAGE LENGTH = 318 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----IDLE (2300-0659)-----		NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME DELAY	#FLIGHTS	AVG AIR TIME DELAY	
AA	809 R-707-300C	391	0:51	0:05		0:46 (7204)
	TOTAL	391	0:51	0:05		
RN	854 DC-8-62	151	0:53	0:07		0:46 (7204)
	TOTAL	151	0:53	0:07		
DL	848 DC-8-50	2	0:47	0:01	9	0:55
	851 DC-8-61	261	0:46	-0:00	125	0:49
	TOTAL	263	0:46	-0:00	134	0:49
NW	816 H-747	88	0:53	0:07		0:46 (7204)
	TOTAL	88	0:53	0:07		
PA	808 R-707-300R	129	0:52	0:06		0:46 (7204)
	809 R-707-300C	151	0:53	0:07	38	0:53
	816 H-747	553	0:52	0:06		0:46 (7204)
RW	TOTAL	833	0:52	0:06	38	0:53
	630 DC-9-10	255	0:52	0:06		0:46 (7204)
	640 DC-9-30	423	0:53	0:07		0:46 (7204)
TOTAL		678	0:53	0:07		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-22 (Continued)

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO (CONTINUED)
STAGE LENGTH = 358 ST. MILES

AIRLINE	AIRCRAFT	BUSY (0700-2259)-----			IDLE (2300-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG. ALN TIME	AVG. ALN DELAY	FLIGHTS	AVG. ALN TIME	AVG. ALN DELAY	
TM	710 H-727-100	69	0:50	0:04				0:46 (7204)
	711 H-727-100C/QC	16	0:49	0:03				0:46 (7204)
	715 H-727-200	134	0:54	0:04	72	0:50	0:04	0:46 (7204)
	760 I-1011	174	0:50	0:04	2	0:47	0:01	0:46 (7204)
	802 H-707-100R	454	0:52	0:06	226	0:50	0:04	0:46 (7204)
	806 H-707-300	24	0:52	0:06	11	0:49	0:03	0:46 (7204)
	808 H-707-300H	242	0:52	0:06	203	0:50	0:04	0:46 (7204)
	809 H-707-300C	431	0:52	0:06	79	0:50	0:04	0:46 (7204)
	816 H-747	185	0:52	0:06	1	0:46	-0:00	0:46 (7204)
	TOTAL	1730	0:52	0:06	594	0:50	0:04	
UA	620 H-737-200	694	0:54	0:08				0:46 (7204)
	710 H-727-100	1636	0:51	0:05				0:46 (7204)
	711 H-727-100C/QC	482	0:52	0:06				0:46 (7204)
	715 H-727-200	134	0:51	0:05				0:46 (7204)
	730 DC-10-10	5	0:52	0:06				0:46 (7204)
	816 H-747	3	0:54	0:08				0:46 (7204)
	842 DC-8-20	170	0:53	0:07	17	0:48	0:02	0:46 (7204)
	844 DC-8-30	15	0:54	0:08				0:46 (7204)
	848 DC-8-50	40	0:51	0:05	13	0:47	0:01	0:46 (7204)
	850 DC-8-50F	164	0:52	0:06	5	0:47	0:01	0:46 (7204)
WA	851 DC-8-61	117	0:52	0:06	4	0:47	0:01	0:46 (7204)
	854 DC-8-62	84	0:52	0:06				0:46 (7204)
	TOTAL	3544	0:52	0:06	39	0:48	0:02	
	620 H-737-200	749	0:52	0:06				0:46 (7204)
	715 H-727-200	337	0:51	0:05	58	0:51	0:05	0:46 (7204)
	730 DC-10-10	1	0:49	0:03	>05	0:48	0:02	0:46 (7204)
	809 H-707-300C	39	0:50	0:04				0:46 (7204)
	814 H-720-000H	134	0:51	0:05	58	0:48	0:02	0:46 (7204)
	TOTAL	1260	0:52	0:06	421	0:49	0:03	
	ROUTE SUMMARY	8938	0:52	0:06	1125	0:49	0:03	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-23

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LCA ==> HUS
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	-----HUS (0700-2259)-----			-----DUL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	862	0:34	0:07				0:26 (7212)
	715 H-727-200	841	0:33	0:06				0:26 (7212)
	710 DC-10-10	109	0:36	0:10				0:26 (7212)
	TOTAL	1812	0:33	0:07				
DL	640 DC-9-30				211	0:28	0:02	0:26 (7212)
	TOTAL				211	0:28	0:02	
EA	550 L-1011A-08/18HC	2766	0:40	0:05				0:35 (7201)
	640 DC-9-30	5720	0:34	0:07				0:26 (7212)
	710 H-727-100	88	0:33	0:07				0:26 (7212)
	711 H-727-100C/UC	26	0:35	0:06				0:26 (7212)
	715 H-727-200	163	0:35	0:09				0:26 (7212)
	TOTAL	8763	0:36	0:07				0:26 (7212)
ROUTE SUMMARY		10575	0:35	0:07	211	0:28	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-24

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LGA ==> DCA STAGE LENGTH = 214 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
AA	710 R-727-100	949	0:41	0:13				0:29	(7208)
	715 B-727-200	896	0:42	0:13				0:29	(7208)
	TOTAL	1845	0:42	0:13					
EA	550 L-188A-0R/18RC	2745	0:53	0:13				0:40	(7204)
	630 DC-9-10	1	0:40	0:11				0:29	(7208)
	640 DC-9-50	5601	0:43	0:15				0:24	(7208)
	710 H-727-100	234	0:43	0:15				0:29	(7208)
	711 H-727-100C/DC	61	0:45	0:16				0:29	(7208)
	715 H-727-200	139	0:45	0:16				0:29	(7208)
	TOTAL	8781	0:46	0:14					
ROUTE SUMMARY		10626	0:45	0:14					

TABLE I-3-25

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LCA ==> DTW
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY			
AA	710 B-727-100	2417	1:18	0:05				1:14 (720R)		
	715 B-727-200	1046	1:18	0:05				1:14 (720R)		
	730 DC-10-10	1	1:12	-0:02				1:14 (720R)		
	TOTAL	3464	1:18	0:05						
ROUTE SUMMARY		3464	1:18	0:05						

TABLE I-3-26

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> ORD
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	DELAY	
AA	710 H-727-100	1413	1:56	0:26						1131 (7210)
	715 H-727-200	2345	1:57	0:27						1131 (7210)
	730 DC-10-10	324	2:06	0:35						1131 (7210)
	TOTAL	4132	1:58	0:27						
TM	710 H-727-100	991	2:02	0:31						1131 (7210)
	711 H-727-100C/DC	293	2:00	0:29						1131 (7210)
	715 H-727-200	1360	1:59	0:28						1131 (7210)
	TOTAL	2644	2:00	0:29						
UA	620 H-737-200	44	2:02	0:31						1131 (7210)
	710 H-727-100	573	2:04	0:33						1131 (7210)
	711 H-727-100C/DC	63	2:03	0:32						1131 (7210)
	715 H-727-200	502	2:01	0:30						1131 (7210)
TOTAL		1182	2:02	0:32						
ROUTE SUMMARY		7958	1:59	0:28						

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-27

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT MIA ==> ATL
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY		#FLIGHTS	AVG. AIR TIME	AVG. AIR DELAY		
DL	640 DC-9-30	238	1:38	0:19						1:18 (7210)
	715 H-727-200	55	1:34	0:16						1:18 (7210)
	730 DC-10-10	526	1:30	0:12		42	1:22	0:04		1:18 (7210)
	760 L-1011	14	1:27	0:09						1:18 (7210)
	816 H-747	372	1:32	0:14						1:18 (7210)
	848 DC-8-50	322	1:29	0:11						1:18 (7210)
	851 DC-8-61	31	1:31	0:13						1:18 (7210)
	TOTAL	1558	1:32	0:14		42	1:22	0:04		
EA	630 DC-9-10	1	1:32	0:14						1:18 (7210)
	640 DC-9-30	516	1:30	0:12						1:18 (7210)
	710 H-727-100	154	1:26	0:08						1:18 (7210)
	711 H-727-100C/UC	64	1:26	0:08						1:18 (7210)
	715 H-727-200	445	1:31	0:13						1:18 (7210)
	760 L-1011	79	1:30	0:12						1:18 (7210)
	TOTAL	1259	1:30	0:12						
NW	710 H-727-100	263	1:24	0:06						1:18 (7210)
	715 H-727-200	7	1:26	0:08						1:18 (7210)
	733 DC10-40	46	1:24	0:06						1:18 (7210)
	808 H-707-300H	1	1:20	0:02						1:18 (7210)
	TOTAL	317	1:24	0:06						
UA	620 H-757-200	1	1:27	0:09						1:18 (7210)
	710 H-727-100	467	1:27	0:09						1:18 (7210)
	711 H-727-100C/UC	4	1:25	0:07						1:18 (7210)
	715 H-727-200	5	1:24	0:06						1:18 (7210)
	TOTAL	481	1:27	0:09		42	1:22	0:04		
	TOTAL	3615	1:30	0:12						

ROUTE SUMMARY

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-28

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT WIA ==> JFK
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		FLIGHTS	AVG AIR TIME	AVG AIR DELAY		FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
BN	711 H-727-100C/DC	1	2:28	0:20						2:08 (7202)
	715 H-727-200	1	2:18	0:10						2:08 (7202)
	848 DC-8-50	24	2:27	0:19						2:08 (7202)
	854 DC-8-62	400	2:24	0:16						2:08 (7202)
	TOTAL	426	2:24	0:17						
DL	640 DC-9-10	1	2:20	0:12						2:08 (7202)
	710 H-727-100	3	2:18	0:11						2:08 (7202)
	715 H-727-200	416	2:18	0:10						2:08 (7202)
	730 DC-10-10	105	2:24	0:16						2:08 (7202)
	760 L-1011	3	2:21	0:13						2:08 (7202)
	848 DC-8-50	152	2:26	0:19						2:08 (7202)
	851 DC-8-61	9	2:21	0:13						2:08 (7202)
	TOTAL	689	2:21	0:13						
EA	630 DC-9-10	1	2:29	0:21						2:08 (7202)
	640 DC-9-30	1	2:20	0:12						2:08 (7202)
	710 H-727-100	175	2:19	0:11						2:08 (7202)
	711 H-727-100C/DC	371	2:15	0:07						2:08 (7202)
	715 H-727-200	42	2:19	0:12		3	2:09	0:01		2:08 (7202)
	760 L-1011	488	2:18	0:10						2:08 (7202)
	TOTAL	1078	2:17	0:09		3	2:09	0:01		
NA	710 H-727-100	12	2:19	0:12						2:08 (7202)
	715 H-727-200	186	2:21	0:14						2:08 (7202)
	730 DC-10-10	32	2:28	0:21						2:08 (7202)
	732 DC-10-30	52	2:15	0:07						2:08 (7202)
	816 H-747	150	2:23	0:16						2:08 (7202)
	842 DC-8-20	4	2:26	0:19						2:08 (7202)
	851 DC-8-61	3	2:26	0:18						2:08 (7202)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-28 (Continued)

AIRBORNE DELAYS DURING 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT MIA → JFK (CONTINUED)									
STAGE LENGTH = 1090 ST. MILES									
AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME			
		#FLIGHTS	AVG AIR TIME	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	AVG AIR TIME	AVG AIR TIME	(DATE)
			DELAY	DELAY					
NA (CONT)	TOTAL	439	2:22	0:14					
ROUTE SUMMARY		2632	2:20	0:12	3	2:09		0:01	

TABLE I-3-29

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT MSP ==> ORD
STAGE LENGTH = 334 ST. MILES

AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----		-----DULL (2300-0659)-----		MINIMAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	
NC	640 DC-9-30	606	0:58	0:15		0:43 (7204)
	TOTAL	606	0:58	0:15		
NW	710 B-727-100	1006	1:02	0:20		
	715 H-727-200	1352	0:58	0:15		0:43 (7204)
	733 DC10-40	779	0:57	0:14		0:43 (7204)
	808 H-707-300R	22	0:57	0:14		0:43 (7204)
	809 B-707-300C	220	0:54	0:11		0:43 (7204)
	816 B-747	123	1:05	0:22		0:43 (7204)
	TOTAL	3502	0:59	0:16		
UA	620 B-737-200	487	1:00	0:18		0:43 (7204)
	710 H-727-100	323	0:59	0:16		0:43 (7204)
	711 H-727-100C/DC	100	0:55	0:12		0:43 (7204)
	715 H-727-200	248	1:01	0:18		0:43 (7204)
	842 DC-8-20	1	1:22	0:39		0:43 (7204)
	848 DC-8-50	1	0:58	0:15		0:43 (7204)
	854 DC-8-62	1	0:59	0:16		0:43 (7204)
	TOTAL	1161	1:00	0:17		
ROUTE SUMMARY		5269	0:59	0:16	212	0:49
						0:06

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-30

AIRPORT DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT URB ==> ATL
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG AIR TIME	AVG AIR DELAY	FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
DL	640 DC-9-30	676	1:28	0:20	1	1:19	0:12	1107 (7209)
	710 H-727-100	5	1:24	0:22				1107 (7209)
	715 H-727-200	635	1:24	0:16				1107 (7209)
	730 DC-10-10	3	1:26	0:19				1107 (7209)
	760 L-1011	230	1:28	0:20	58	1:21	0:14	1107 (7209)
	816 H-747	115	1:21	0:14	1	1:53	0:26	1107 (7209)
	825 CV-880	1	1:22	0:15				1107 (7209)
	844 DC-8-30	8	1:25	0:18				1107 (7209)
	848 DC-8-50	45	1:26	0:19				1107 (7209)
	851 DC-8-61	7	1:31	0:23				1107 (7209)
TOTAL		1725	1:26	0:18	60	1:22	0:14	
EA	630 DC-9-10	468	1:27	0:20				1107 (7209)
	640 DC-9-30	1065	1:28	0:20				1107 (7209)
	710 H-727-100	129	1:21	0:14				1107 (7209)
	711 H-727-100C/QC	16	1:23	0:16				1107 (7209)
	715 H-727-200	118	1:24	0:16				1107 (7209)
TOTAL		1796	1:27	0:19				
NW	710 H-727-100	645	1:23	0:15				1107 (7209)
	715 H-727-200	6	1:30	0:23				1107 (7209)
	733 DC10-40	102	1:21	0:14				1107 (7209)
	809 H-707-300C	1	1:28	0:21				1107 (7209)
	TOTAL	754	1:23	0:15				

ROUTE SUMMARY

4275	1:26	0:18	60	1:22	0:14
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---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-31

ALPHABETIC DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> R05
STAGE LENGTH = 867 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY	-----DULL (2300-0659)----- #FLIGHTS AVG AIR TIME DELAY	NOMINAL TIME (DATE)
AA	710 H-727-100	287 1:43 0:08		1:36 (7206)
	715 H-727-200	216 1:43 0:08		1:36 (7206)
	730 DC-10-10	270 1:44 0:08		1:36 (7206)
	802 H-707-100R	500 1:43 0:07		1:36 (7206)
	808 H-707-300H	25 1:41 0:06		1:36 (7206)
	809 H-707-300C	35 1:42 0:06		1:36 (7206)
TOTAL	816 H-747	90 1:45 0:09		1:36 (7206)
	TOTAL	1423 1:43 0:08		
PA	808 H-707-300H	97 1:47 0:12		1:36 (7206)
	809 H-707-300C	38 1:47 0:12		1:36 (7206)
	TOTAL	135 1:47 0:12		
TW	710 H-727-100	189 1:44 0:09		1:36 (7206)
	711 H-727-100C/DC	59 1:43 0:08		1:36 (7206)
	715 H-727-200	59 1:47 0:11		1:36 (7206)
	760 L-1011	37 1:41 0:05		1:36 (7206)
	802 H-707-100H	326 1:44 0:09		1:36 (7206)
	806 H-707-300	12 1:41 0:05		1:36 (7206)
	808 H-707-300H	150 1:45 0:09		1:36 (7206)
	809 H-707-300C	26 1:50 0:14		1:36 (7206)
	825 CV-440	75 1:43 0:07		1:36 (7206)
	TOTAL	933 1:44 0:09		
UA	710 H-727-100	315 1:43 0:07		1:36 (7206)
	711 H-727-100C/DC	16 1:45 0:10		1:36 (7206)
	715 H-727-200	4 1:47 0:12		1:36 (7206)
	816 H-747	1 1:38 0:02		1:36 (7206)
	842 DC-8-20	59 1:47 0:11		1:36 (7206)
TOTAL	844 DC-8-50	20 1:45 0:10		1:36 (7206)
	TOTAL	435 1:43 0:05		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-31 (Continued)

AIRPORT DELAYS DURING 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD ==> RDS (CONTINUED)									
STAGE LENGTH = 867 ST. MILES									
AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
UA (CONT)	848 DC-8-50	19	1145	0109				1136 (7206)	
	850 DC-8-50F	162	1143	0107				1136 (7206)	
	851 DC-8-61	316	1145	0110				1136 (7206)	
	854 DC-8-62	6	1139	0103				1136 (7206)	
	TOTAL	917	1144	0108	154	1141	0105		
ROUTE SUMMARY		3408	1144	0108	154	1141	0105		

TABLE I-3-32

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT URD ==> DCA
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	1501	1119	0107				1113 (7202)
	715 H-727-200	1093	1121	0108				1113 (7202)
	730 DC-10-10	1	1123	0110				1113 (7202)
	TOTAL	2595	1120	0107				
TW	630 DC-9-10	1	1122	0109				1113 (7202)
	710 H-727-100	41	1122	0109				1113 (7202)
	711 H-727-100C/QC	14	1120	0108				1113 (7202)
	715 H-727-200	917	1121	0109				1113 (7202)
	TOTAL	971	1121	0109				
UA	620 H-737-200	577	1124	0112				1113 (7202)
	710 H-727-100	285	1119	0106				1113 (7202)
	711 H-727-100C/QC	18	1116	0104				1113 (7202)
	715 H-727-200	786	1122	0109				1113 (7202)
	TOTAL	1666	1122	0109				
ROUTE SUMMARY		5232	1121	0108				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-33

SEGMENT ORD ==> DEN
STAGE LENGTH = 900 ST. MILES

AIRBORNE DELAYS DURING 1974

CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
CO	715 H-727-200	1067	2101	0105				
	730 DC-10-10	666	2100	0104	12	2101	0104	1157 (7206)
	A14 H-720-000H	25	2105	0109	551	1158	0101	1157 (7206)
	TOTAL	1758	2101	0104	563	1158	0102	1157 (7206)
TW	710 H-727-100	156	2104	0107				
	711 H-727-100C/QC	44	2104	0107				1157 (7206)
	715 H-727-200	567	2102	0105				1157 (7206)
	802 H-707-100H	589	2105	0106				1157 (7206)
	806 H-707-300	14	2101	0104				1157 (7206)
	808 H-707-300H	50	2103	0106				1157 (7206)
	809 H-707-300C	5	1156	-0101				1157 (7206)
	825 CV-440	169	2104	0107				1157 (7206)
	TOTAL	1194	2103	0106				
UA	620 H-737-200	9	2115	0119				
	710 H-727-100	46	2105	0108				1157 (7206)
	711 H-727-100C/QC	50	2103	0107				1157 (7206)
	715 H-727-200	245	2103	0106	155	2100	0103	1157 (7206)
	730 DC-10-10	790	2101	0105				1157 (7206)
	A16 H-747	28	2101	0104				1157 (7206)
	842 DC-8-20	40	2104	0107				1157 (7206)
	844 DC-8-50	4	2110	0113				1157 (7206)
	848 DC-8-50	29	2102	0106				1157 (7206)
	851 DC-8-61	206	2105	0108				1157 (7206)
	854 DC-8-62	1	2103	0106				1157 (7206)
	TOTAL	1448	2103	0106	155	2100	0103	
ROUTE SUMMARY		4400	2102	0105	518	1159	0102	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-34

SEGMENT (IRD E25 DTW)
STAGE LENGTH = 245 ST. MILFS

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	223	0:39	0:08				0:31 (7201)
	715 H-727-200	9A	0:38	0:07				0:31 (7201)
	730 DC-10-10	57A	0:38	0:07				0:31 (7201)
	A02 H-707-100H	527	0:38	0:06	36	0:40	0:09	0:31 (7201)
	A08 H-707-300H	106	0:40	0:06	19	0:35	0:04	0:31 (7201)
	A09 H-707-300C	152	0:39	0:07	36	0:42	0:10	0:31 (7201)
	816 H-747	11	0:36	0:04				0:31 (7201)
	TOTAL	1675	0:38	0:07	91	0:40	0:08	
DL	640 DC-9-10	366	0:34	0:02				0:31 (7201)
	TOTAL	366	0:34	0:02				
EA	710 H-727-100	18	0:38	0:07				0:31 (7201)
	711 H-727-100C/QC	9	0:38	0:06				0:31 (7201)
	715 H-727-200	5	0:40	0:08				0:31 (7201)
	TOTAL	30	0:38	0:07				
NW	710 H-727-100	444	0:38	0:07	1	0:58	0:07	0:31 (7201)
	715 H-727-200	150	0:38	0:07				0:31 (7201)
	733 DC10-40	227	0:40	0:09	3	0:59	0:08	0:31 (7201)
	A08 H-707-300H	3	0:39	0:07	2	0:35	0:04	0:31 (7201)
	A09 H-707-300C	185	0:39	0:08	115	0:37	0:06	0:31 (7201)
	816 H-747	9A	0:40	0:08	91	0:40	0:09	0:31 (7201)
	TOTAL	1087	0:39	0:08	212	0:39	0:07	
PA	809 H-707-300C	60	0:40	0:09				0:31 (7201)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-34 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD => DTW (CONTINUED) STAGE LENGTH = 235 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME			
PA (CONT)	TOTAL	#FLIGHTS	AVG AIR TIME	#FLIGHTS	AVG AIR TIME	DELAY	DELAY	DELAY	(DATE)
UA	620 B-737-200	287	01:40	60	01:40	01:09			
	710 B-727-100	47	01:39			01:08			01:31 (7201)
	711 B-727-100C/UC	35	01:36			01:07			01:31 (7201)
	715 B-727-200	2	01:38			01:04			01:31 (7201)
	730 DC-10-10	172	01:40			01:08			01:31 (7201)
	816 B-747	AA	01:39			01:07			01:31 (7201)
	842 DC-8-20	66	01:40			01:08			01:31 (7201)
	848 DC-8-50	18	01:37			01:06			01:31 (7201)
	851 DC-8-61	79	01:37			01:06			01:31 (7201)
	854 DC-8-62	3	01:39			01:08			01:31 (7201)
	TOTAL	797	01:39			01:08			
ROUTE SUMMARY		4015	01:38	01:07	505	01:39	01:08		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-35

AIROBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD => FWR
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	181	1:28	0:05				1:24 (7211)
	715 H-727-200	174	1:51	0:07				1:24 (7211)
	802 H-707-100H	136	1:51	0:08				1:24 (7211)
	808 H-707-300H	168	1:51	0:07				1:24 (7211)
	809 H-707-300C	440	1:51	0:08				1:24 (7211)
	TOTAL	1099	1:51	0:07				
TW	710 H-727-100	114	1:52	0:09				1:24 (7211)
	711 H-727-100C/DC	55	1:53	0:10				1:24 (7211)
	715 H-727-200	117	1:29	0:06				1:24 (7211)
	802 H-707-100H	241	1:52	0:09				1:24 (7211)
	806 H-707-300	15	1:52	0:08				1:24 (7211)
	808 H-707-100H	5	1:53	0:10				1:24 (7211)
	825 CV-880	159	1:26	0:02				1:24 (7211)
	TOTAL	684	1:50	0:07				
UA	620 H-757-200	3	1:41	0:17				1:24 (7211)
	710 H-727-100	63	1:28	0:04				1:24 (7211)
	711 H-727-100C/DC	7	1:28	0:05				1:24 (7211)
	715 H-727-200	1	1:30	0:06				1:24 (7211)
	730 DC-10-10	366	1:29	0:06				1:24 (7211)
	A16 H-747	155	1:29	0:05				1:24 (7211)
	842 DC-8-20	161	1:27	0:04				1:24 (7211)
	844 DC-8-30	15	1:26	0:02				1:24 (7211)
	848 DC-8-50	22	1:30	0:06				1:24 (7211)
	A51 DC-8-61	244	1:32	0:08				1:24 (7211)
	A54 DC-8-62	115	1:29	0:06				1:24 (7211)
	TOTAL	1152	1:29	0:06				

ROUTE SUMMARY

2935 1:30 0:07

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-36

ALBION DELAYS DURING 1974
CATEGORIZED BY MONTH SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> LAX
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	75	3:37	0:02				3:35 (7212)
	715 H-727-200	7	3:42	0:07				3:35 (7212)
	730 DC-10-10	899	3:40	0:06	3	3:42	0:07	3:35 (7212)
	A02 H-707-100R	399	3:47	0:12	15	3:48	0:15	3:35 (7212)
	A08 H-707-300R	20	3:42	0:07	3	3:41	0:06	3:35 (7212)
	A09 H-707-300C	269	3:44	0:10	231	3:44	0:14	3:35 (7212)
	A16 H-747	1	3:42	0:07				3:35 (7212)
	TOTAL	1670	3:42	0:08	252	3:44	0:14	
CN	715 H-727-200	278	3:45	0:10	4	3:42	0:07	3:35 (7212)
	730 DC-10-10	941	3:41	0:06	85	3:40	0:06	3:35 (7212)
	814 H-720-300R	1	3:40	0:05				3:35 (7212)
	TOTAL	1220	3:42	0:07	87	3:40	0:06	
TM	710 H-727-100	1	3:37	0:02	1	3:50	0:15	3:35 (7212)
	711 H-727-100C/DC	2	3:57	0:23				3:35 (7212)
	715 H-727-200	4	3:37	0:02				3:35 (7212)
	760 L-1011	349	3:54	-0:01	2	3:38	0:03	3:35 (7212)
	A02 H-707-100R	722	3:52	0:17	117	3:56	0:21	3:35 (7212)
	A06 H-707-300	20	3:54	0:20	9	3:55	0:20	3:35 (7212)
	A08 H-707-300R	24	3:50	0:15	85	3:51	0:17	3:35 (7212)
	A09 H-707-300C	1	4:08	0:33	171	3:50	0:15	3:35 (7212)
	816 H-747				2	3:28	-0:06	3:35 (7212)
	825 CV-440	1	4:05	0:30				3:35 (7212)
	TOTAL	1124	3:46	0:12	387	3:52	0:17	
UA	710 H-727-100	2	3:59	0:04				3:35 (7212)
	730 DC-10-10	459	3:43	0:09	1	3:42	0:07	3:35 (7212)
	816 H-747	353	3:59	0:05				3:35 (7212)
	A42 DC-8-20	166	3:49	0:15	17	3:50	0:16	3:35 (7212)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE 1-3-36 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD => LAX (CONTINUED) STAGE LENGTH = 1744 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSV (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
UA (CONT)	A44 DC-8-50	13	3:52	0:20					3:35 (7212)
	A48 DC-8-50	64	3:50	0:16	13	3:49	0:14		3:35 (7212)
	850 DC-8-50F				205	3:48	0:13		3:35 (7212)
	851 DC-8-61	111	3:46	0:12	4	3:48	0:14		3:35 (7212)
	854 DC-8-62	14	3:49	0:14	4	3:46	0:12		3:35 (7212)
	TOTAL	1187	3:44	0:109	244	3:48	0:14		
ROUTE SUMMARY		5201	3:45	0:109	970	3:49	0:14		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-37

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> LGA
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 R-727-100	1327	1:34	0:09				1:26 (7212)
	715 R-727-200	2127	1:35	0:09				1:26 (7212)
	730 DC-10-10	244	1:56	0:10				1:26 (7212)
	TOTAL	3698	1:35	0:09				
TW	630 DC-9-10	1	1:30	0:04				1:26 (7212)
	710 R-727-100	936	1:35	0:10				1:26 (7212)
	711 R-727-100C/DC	268	1:36	0:11				1:26 (7212)
	715 R-727-200	1221	1:36	0:10				1:26 (7212)
	TOTAL	2426	1:36	0:10				
UA	620 R-737-200	29	1:35	0:09				1:26 (7212)
	710 R-727-100	717	1:34	0:12				1:26 (7212)
	711 R-727-100C/DC	54	1:31	0:05				1:26 (7212)
	715 R-727-200	481	1:35	0:07				1:26 (7212)
	TOTAL	1261	1:35	0:10				
ROUTE SUMMARY		7405	1:35	0:09				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-38

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> MSP
STAGE LENGTH = 334 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)----- #FLIGHTS AVG AIR TIME DELAY	-----DULL (2300-0659)----- #FLIGHTS AVG AIR TIME DELAY	NOMINAL TIME (DATE)
NC	640 DC-9-30	550 0155 0105		0151 (7208)
	TOTAL	550 0155 0105		
NW	710 R-727-100	860 0156 0105	149 0153 0103	0151 (7208)
	715 R-727-200	1207 0156 0105	14 0153 0103	0151 (7208)
	733 DC10-40	964 0155 0104	194 0153 0103	0151 (7208)
	808 H-707-300H	19 0155 0105	2 0153 0103	0151 (7208)
	809 H-707-300C	226 0156 0105	33 0154 0104	0151 (7208)
	816 H-747	135 0158 0107	144 0154 0104	0151 (7208)
	TOTAL	3411 0156 0105	536 0154 0103	
UA	620 H-737-200	485 0158 0107		0151 (7208)
	710 R-727-100	309 0154 0104		0151 (7208)
	711 R-727-100C/DC	151 0155 0105		0151 (7208)
	715 H-727-200	285 0155 0104	101 0153 0102	0151 (7208)
	842 DC-8-20	4 0153 0103		0151 (7208)
	848 DC-8-50	1 1144 0153		0151 (7208)
	851 DC-8-61	1 0152 0101		0151 (7208)
ROUTE SUMMARY	854 DC-8-62	1 0149 -0102		0151 (7208)
	TOTAL	1237 0156 0105	101 0153 0102	
		5198 0156 0105	637 0154 0103	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-39

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD 222 P17
STAGE LENGTH = 412 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2059)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		FLIGHTS	AVG. AIR TIME	AVG. DELAY	FLIGHTS	AVG. AIR TIME	AVG. DELAY	
AL	430 CV-580	16	1:21	0:110				1:31 (7211)
	605 A-1-11-200	16	1:08	0:114				0:50 (7202)
	640 DC-9-30	3657	0:59	0:106				0:50 (7202)
	TOTAL	3689	1:00	0:105				
TM	710 H-727-100	129	1:01	0:107				0:54 (7202)
	711 H-727-100C/DC	32	1:02	0:108				0:54 (7202)
	715 H-727-200	150	0:58	0:104				0:54 (7202)
	760 L-1011	265	1:00	0:106				0:54 (7202)
	802 H-707-100H	510	0:59	0:105				0:54 (7202)
	806 H-707-300	31	1:01	0:107				0:54 (7202)
	808 H-707-300H	66	1:02	0:108				0:54 (7202)
	809 H-707-300C	7	1:01	0:101				0:54 (7202)
	825 CV-580	78	0:55	0:101				0:54 (7202)
	TOTAL	1268	0:59	0:105				
UA	620 H-737-200	64	0:56	0:102				0:54 (7202)
	710 H-727-100	73	0:56	0:102				0:54 (7202)
	711 H-727-100C/DC	84	0:54	0:101				0:54 (7202)
	715 H-727-200	240	1:00	0:106				0:54 (7202)
	730 DC-10-10	157	0:57	0:103				0:54 (7202)
	816 H-747	220	0:58	0:104				0:54 (7202)
	842 DC-8-20	20	1:01	0:107				0:54 (7202)
	848 DC-8-50	18	1:01	0:107				0:54 (7202)
	851 DC-8-61	124	1:01	0:107				0:54 (7202)
	TOTAL	980	0:58	0:104				
MINUTE SUMMARY		5937	0:59	0:105				

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-40

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORO ==> SFI
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	-----RUSV (0700-2259)-----			-----DULL (2100-0659)-----			NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		(DATE)
AA	715 H-727-200	1	3:53	-0:00				3:53	(7208)
	730 DC-10-10	357	3:54	0:01				3:55	(7208)
	A02 H-707-100R	540	4:00	0:09				3:53	(7208)
	A08 H-707-300R	126	3:56	0:03				3:53	(7208)
	A09 H-707-300C	244	3:57	0:04	23	3:55	0:01	3:53	(7208)
	916 H-747	86	3:45	-0:09				3:53	(7208)
	TOTAL	1354	3:57	0:04	23	3:55	0:01		
T	715 H-727-200	2	4:04	0:11				3:53	(7208)
	760 L-1011	387	3:46	-0:07				3:53	(7208)
	A02 H-707-100R	544	4:03	0:10				3:53	(7208)
	A06 H-707-300	6	4:05	0:09				3:53	(7208)
	A08 H-707-300R	8	4:03	0:10				3:53	(7208)
	A09 H-707-300C	1	3:58	0:05				3:53	(7208)
	916 H-747	2	3:53	-0:01				3:53	(7208)
	925 CV-440	2	4:00	0:07				3:53	(7208)
	TOTAL	956	3:56	0:03					
UA	710 H-727-100	3	4:07	0:14				3:53	(7208)
	711 H-727-100C/10C	1	3:52	-0:01				3:53	(7208)
	730 DC-10-10	118	3:53	-0:01	161	3:58	0:05	3:53	(7208)
	916 H-747	202	3:53	-0:01				3:53	(7208)
	A02 DC-8-20	135	3:59	0:06				3:53	(7208)
	A44 DC-8-30	1	4:11	0:18				3:53	(7208)
	A44 DC-8-50	68	3:58	0:05				3:53	(7208)
	A50 DC-8-50F	294	4:01	0:08	161	4:00	0:07	3:53	(7208)
	A51 DC-8-61	460	4:03	0:10				3:53	(7208)
	A54 DC-8-62	7	3:59	0:06				3:53	(7208)
	TOTAL	1269	3:59	0:06	322	3:59	0:06		
	ROUTE SUMMARY	4599	3:58	0:05	345	3:59	0:05		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-41

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT (WD => STL
STAGE LENGTH = 258 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	248	0:45	0:06				0:38 (7205)
	715 H-727-200	119	0:44	0:06				0:38 (7205)
	802 H-707-100H	652	0:45	0:06				0:38 (7205)
	808 H-707-300H	34	0:45	0:06				0:38 (7205)
	809 H-707-300C	57	0:46	0:08				0:38 (7205)
	TOTAL	1114	0:45	0:06				
DL	640 DC-9-10	2455	0:43	0:04	157	0:36	-0:03	0:38 (7205)
	710 H-727-100	114	0:42	0:04				0:38 (7205)
	715 H-727-200	292	0:40	0:01				0:38 (7205)
	844 DC-8-30	2	0:46	0:08				0:38 (7205)
	848 DC-8-50	2	0:43	0:04				0:38 (7205)
	TOTAL	2865	0:42	0:04	157	0:36	-0:03	
OZ	454 F4-227	2	1:11	0:06				1:05 (7212)
	630 DC-9-10	179	0:44	0:06	18	0:43	0:04	0:38 (7205)
	640 DC-9-30	748	0:45	0:06	133	0:42	0:04	0:38 (7205)
		969	0:45	0:06	151	0:42	0:04	
	TOTAL							
ROUTE SUMMARY		4948	0:43	0:05	308	0:39	0:00	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-42

AIRPORT DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPESEGMENT PHL => RUS
STAGE LENGTH = 240 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----IDLE (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG. AIR TIME	DELAY	#FLIGHTS	AVG. AIR TIME	DELAY	
AA	802 R-707-100H	154	0:49	0:13				0:36 (7210)
	808 R-707-300H	3	0:48	0:12				0:36 (7210)
	809 R-707-300C	12	0:50	0:14				0:36 (7210)
	TOTAL	169	0:49	0:13				
AL	430 CV-580	13	1:10	0:28				1:34 (7211)
	605 R-1-11-200	1703	0:52	0:16				0:36 (7210)
	640 DC-9-30	2178	0:50	0:14	1	0:40	0:04	0:36 (7210)
	TOTAL	3894	0:51	0:14	1	0:40	0:04	
DL	640 DC-9-30	1255	0:52	0:16				0:36 (7210)
	710 R-727-100	57	0:49	0:13				0:36 (7210)
	715 R-727-200	698	0:52	0:16				0:36 (7210)
	760 L-1011				1	0:54	0:22	0:36 (7210)
	848 DC-8-50				145	0:43	0:07	0:36 (7210)
	851 DC-8-61					0:49	0:13	0:36 (7210)
FA	TOTAL	2010	0:52	0:16	147	0:49	0:13	
	640 DC-9-30							0:36 (7210)
	710 R-727-100	165	0:48	0:12	152	0:46	0:10	0:36 (7210)
	711 R-727-100C/DC	61	0:49	0:13	14	0:43	0:07	0:36 (7210)
NA	715 R-727-200	16	0:49	0:13	3	0:45	0:09	0:36 (7210)
	TOTAL	242	0:48	0:12	62	0:43	0:07	0:36 (7210)
	710 R-727-100	90	0:46	0:10	231	0:45	0:09	0:36 (7210)
	715 R-727-200	17	0:45	0:09				0:36 (7210)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-42 (Continued)

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT PHL ==> HOS (CONTINUED) STAGE LENGTH = 280 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME			
NA (CONT)	TOTAL	#FLIGHTS	AVG AIR TIME DELAY	#FLIGHTS	AVG AIR TIME DELAY				(DATE)
		107	0:46	0:10					
PA									
	808 H-707-300R	101	0:53	0:17					0:36 (7210)
	809 H-707-300C	43	0:52	0:16					0:36 (7210)
	TOTAL	144	0:55	0:17					
ROUTE SUMMARY		6546	0:51	0:15	379	0:47		0:11	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-43

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PHL ==> PIT
STAGE LENGTH = 268 ST. MILFS

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AL	430 CV-580	40	1:04	-0:01						1105 (7208)
	605 R-111-200	1802	0:52	0:08						0143 (7205)
	640 DC-9-30	2484	0:48	0:04		1	0:49	0:06		0143 (7205)
	TOTAL	4326	0:50	0:06		1	0:49	0:06		
TM	630 DC-9-10	355	0:48	0:05						0143 (7205)
	710 R-727-100	1	0:52	0:09						0143 (7205)
	711 R-727-100C/DC	1	0:43	-0:00						0143 (7205)
	715 R-727-200	94	0:51	0:08						0143 (7205)
	806 R-707-300	19	0:53	0:09						0143 (7205)
	808 R-707-300H	146	0:48	0:04						0143 (7205)
	809 R-707-300C	6	0:46	0:02						0143 (7205)
	TOTAL	1222	0:48	0:05						

ROUTE SUMMARY

5548 0:49 0:06 1 0:49 0:06

TABLE I-3-44

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> ORD
STAGE LENGTH = 412 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----		-----DULL (2300-0659)-----		NOMINAL TIME	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	(DATE)
AL	430 CV-580	15	1149	0106			1143 (7209)
	605 R-1-11-200	160	1118	0114			1104 (7208)
	640 DC-9-30	3637	1114	0111			1104 (7208)
	TOTAL	3812	1115	0111			
TW	710 H-727-100	128	1120	0116			1104 (7208)
	711 H-727-100C/OC	29	1120	0116			1104 (7208)
	715 H-727-200	195	1113	0109			1104 (7208)
	760 L-1011	261	1109	0105			1104 (7208)
	802 H-707-100H	565	1120	0116			1104 (7208)
	806 H-707-300	29	1135	0131			1104 (7208)
	808 H-707-300H	71	1129	0125			1104 (7208)
	809 H-707-300C	8	1142	0138			1104 (7208)
	825 CV-440	77	1119	0115			1104 (7208)
	TOTAL	1363	1118	0114			
UA	620 H-737-200	189	1129	0125			1104 (7208)
	710 H-727-100	373	1117	0113			1104 (7208)
	711 H-727-100C/OC	27	1117	0113			1104 (7208)
	715 H-727-200	23	1127	0123			1104 (7208)
	730 DC-10-10	137	1116	0112			1104 (7208)
	816 H-747	281	1111	0107			1104 (7208)
	842 DC-8-20	26	1124	0120			1104 (7208)
	848 DC-8-50	21	1131	0128			1104 (7208)
	851 DC-8-61	129	1133	0129			1104 (7208)
	TOTAL	1206	1120	0116			
ROUTE SUMMARY		6381	1116	0112			

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-45

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT >>> PHL
STAGE LENGTH = 266 ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AL	430 CV-580	27	1104	0104				1100 (7211)
	605 H-1-11-200	1786	0149	0116				0133 (7210)
	640 DC-9-30	2672	0145	0113	268	0144	0111	0133 (7210)
	TOTAL	4485	0147	0114	268	0144	0111	
TM	630 DC-9-10	1061	0144	0111				0133 (7210)
	710 B-727-100	2	0141	0108				0133 (7210)
	711 B-727-100C/QC	2	0145	0112				0133 (7210)
	806 B-707-300	74	0144	0111				0133 (7210)
	808 B-707-300R	98	0147	0115				0133 (7210)
	809 B-707-300C	4	0146	0113				0133 (7210)
	TOTAL	1241	0144	0112				
ROUTE SUMMARY		5726	0146	0114	268	0144	0111	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-46

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SEA >>> SFO
STAGE LENGTH = 678 ST. MILES

AIRLINE	AIRCRAFT	-----RUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
PA	R08 R-707-300H	1	1:35	0:12				1:23 (7203)	
	R16 H-747	56	1:36	0:14				1:23 (7203)	
	TOTAL	57	1:36	0:14					
UA	620 R-737-200	3	1:59	0:17				1:23 (7203)	
	710 H-727-100	623	1:53	0:11				1:23 (7203)	
	711 R-727-100C/DC	196	1:33	0:11				1:23 (7203)	
	715 R-727-200	222	1:33	0:11				1:23 (7203)	
	R16 H-747	1	1:42	0:19				1:23 (7203)	
	R42 DC-H-20	175	1:37	0:14				1:23 (7203)	
	R44 DC-H-30	11	1:30	0:08				1:23 (7203)	
	R48 DC-H-50	121	1:34	0:11				1:23 (7203)	
	R50 DC-H-50F	33	1:37	0:14				1:23 (7203)	
	R51 DC-H-61	146	1:36	0:13				1:23 (7203)	
	R54 DC-H-62	15	1:38	0:15				1:23 (7203)	
	TOTAL	1546	1:34	0:12					
WA	620 H-737-200	585	1:37	0:15				1:23 (7203)	
	715 H-727-200	329	1:32	0:10	91	1:28	0:05	1:23 (7203)	
	R09 H-707-300C	2	1:39	0:17				1:23 (7203)	
	R14 H-720-000H	109	1:30	0:07	45	1:26	0:03	1:23 (7203)	
	TOTAL	1025	1:35	0:12	136	1:27	0:05		
ROUTE SUMMARY		2628	1:34	0:12	136	1:27	0:05		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-47

AIRBORNE DELAYS DURING 1974 CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT SFO SMD LAX STAGE LENGTH = 338 ST. MILES									
AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)	
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
RN	854 DC-8-62	150	0:55	0:09				0:46	(7212)
	TOTAL	150	0:55	0:09					
DL	848 DC-8-50	8	0:51	0:05				0:46	(7212)
	851 DC-8-61	410	0:54	0:08				0:46	(7212)
	TOTAL	418	0:54	0:08					
NW	816 B-747	90	0:56	0:09				0:46	(7212)
	TOTAL	90	0:56	0:09					
PA	808 B-707-300R	137	0:55	0:09				0:46	(7212)
	809 B-707-300C	114	0:55	0:09	27	0:54	0:07	0:46	(7212)
	816 B-747	349	0:55	0:09				0:46	(7212)
	TOTAL	640	0:55	0:09	27	0:54	0:07		
RW	630 DC-9-10	89	0:52	0:06				0:46	(7212)
	640 DC-9-30	451	0:55	0:09				0:46	(7212)
	TOTAL	540	0:55	0:09					
TM	710 B-727-100	248	0:52	0:06				0:46	(7212)
	711 B-727-100C/DC	68	0:53	0:06				0:46	(7212)
	715 B-727-200	11	0:53	0:07	44	0:51	0:05	0:46	(7212)
	760 L-1011	148	0:53	0:07	1	0:49	0:03	0:46	(7212)
	802 B-707-100H	512	0:52	0:06	55	0:48	0:01	0:46	(7212)

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-47 (Continued)

ALBOMNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ↔ LAX (CONTINUED)
STAGE LENGTH = 338 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	DELAY	#FLIGHTS	AVG AIR TIME	DELAY	
TM (CONT)	R06 H-707-300	29	0152	0106	2	0150	0104	0146 (7212)
	R08 H-707-300R	350	0152	0106	1	0150	0104	0146 (7212)
	R09 H-707-300C	86	0151	0105	211	0150	0104	0146 (7212)
	R16 H-747	181	0154	0108				0146 (7212)
	TOTAL	1635	0152	0106	314	0150	0104	
UA	620 H-737-200	914	0153	0107				0146 (7212)
	710 H-727-100	1685	0151	0105				0146 (7212)
	711 H-727-100C/DC	234	0150	0104	156	0149	0102	0146 (7212)
	715 H-727-200	212	0153	0107				0146 (7212)
	730 DC-10-10	2	0150	0104				0146 (7212)
	816 H-747	2	0150	0104				0146 (7212)
	842 DC-8-20	90	0153	0107				0146 (7212)
	848 DC-8-30	2	0151	0105				0146 (7212)
	848 DC-8-50	62	0151	0105				0146 (7212)
	850 DC-8-50F	35	0150	0104				0146 (7212)
	851 DC-8-61	108	0153	0107				0146 (7212)
	854 DC-8-62	40	0153	0106				0146 (7212)
	TOTAL	3391	0152	0106	156	0149	0102	
WA	620 H-737-200	683	0153	0106	153	0150	0103	0146 (7212)
	715 H-727-200	276	0152	0105	98	0147	0101	0146 (7212)
	814 H-720-600R	212	0152	0106	51	0148	0102	0146 (7212)
	TOTAL	1171	0152	0106	302	0149	0102	
ROUTE SUMMARY		8033	0153	0106	799	0149	0103	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-48

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> ORD
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
AA	710 H-727-100	2	3:45	0:21				4:25 (7204)
	715 H-727-200	1	3:35	0:10				3:25 (7204)
	730 DC-10-10	357	3:34	0:10				3:25 (7204)
	802 H-707-100R	471	3:42	0:17	16	3:24	-0:00	3:25 (7204)
	808 H-707-300R	162	3:32	0:08	1	3:39	0:14	3:25 (7204)
	809 H-707-300C	530	3:34	0:09	1	3:16	-0:09	3:25 (7204)
	816 H-747	93	3:30	0:05				3:25 (7204)
	TOTAL	1616	3:36	0:11	18	3:25	0:00	
TM	711 H-727-100C/DC	1	3:28	0:03				3:25 (7204)
	715 H-727-200	2	3:24	-0:00	58	3:32	0:08	3:25 (7204)
	760 L-1011	335	3:35	0:11	40	3:19	-0:05	3:25 (7204)
	802 B-707-100R	357	3:42	0:17	87	3:28	0:03	3:25 (7204)
	806 H-707-300	4	3:28	0:03				3:25 (7204)
	808 H-707-300R	4	3:45	0:21	1	3:28	0:03	3:25 (7204)
	809 H-707-300C	1	3:53	0:28				3:25 (7204)
	816 H-747	2	3:29	0:05				3:25 (7204)
	825 CV-880	1	3:43	0:18	1	3:30	0:05	3:25 (7204)
	TOTAL	707	3:38	0:14	187	3:28	0:03	
UA	710 H-727-100	5	3:33	0:08				3:25 (7204)
	711 H-727-100C/DC				2	3:36	0:11	3:25 (7204)
	730 DC-10-10	79	3:47	0:23	1	3:39	0:14	3:25 (7204)
	816 H-747	190	3:39	0:14	42	3:25	0:01	3:25 (7204)
	842 DC-8-20	62	3:43	0:18	3	3:29	0:04	3:25 (7204)
	844 DC-8-50	1	3:50	0:05	7	3:54	0:10	3:25 (7204)
	848 DC-8-50	34	3:44	0:20	2	3:28	0:04	3:25 (7204)
	850 DC-8-50F	187	3:39	0:14	10	3:54	0:09	3:25 (7204)
	851 DC-8-61	460	3:45	0:20	193	3:28	0:04	3:25 (7204)
	854 DC-8-62	18	3:40	0:16	174	3:29	0:05	3:25 (7204)
	TOTAL	934	3:42	0:18	2	3:28	0:04	3:25 (7204)
ROUTE SUMMARY		3257	3:38	0:14	436	3:29	0:04	
					641	3:28	0:04	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-49

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO => SEA
STAGE LENGTH = 678 ST, MILES

AIRLINE	AIRCRAFT	-----BUSY (0700-2259)-----			-----DULL (2300-0659)-----			NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	#FLIGHTS	AVG AIR TIME	AVG AIR DELAY	
PA	R08 H-707-300R	2	1:31	0:08				1:24 (7206)
	R16 R-747	96	1:26	0:03				1:24 (7206)
	TOTAL	98	1:26	0:03				
UA	620 H-737-200	3	1:37	0:13				1:24 (7206)
	710 H-727-100	871	1:31	0:07				1:24 (7206)
	711 H-727-100C/DC	369	1:31	0:08				1:24 (7206)
	715 H-727-200	13	1:29	0:05				1:24 (7206)
	730 DC-10-10	1	1:36	0:12				1:24 (7206)
	R16 R-747	1	1:26	0:02				1:24 (7206)
	R42 DC-8-20	249	1:31	0:08				1:24 (7206)
	R44 DC-8-30	7	1:37	0:14				1:24 (7206)
	R48 DC-8-50	49	1:32	0:09				1:24 (7206)
	R51 DC-8-61	192	1:30	0:07				1:24 (7206)
	R54 DC-8-62	17	1:29	0:05				1:24 (7206)
	TOTAL	1812	1:31	0:08				
WA	620 H-737-200	621	1:53	0:10				1:24 (7206)
	715 H-727-200	286	1:28	0:04	154	1:26	0:02	1:24 (7206)
	R09 H-707-300C	2	1:27	0:03	1	1:25	0:01	1:24 (7206)
	R14 H-720-000H	147	1:31	0:07				1:24 (7206)
	TOTAL	1056	1:31	0:08	155	1:26	0:02	
ROUTE SUMMARY		2966	1:31	0:07	155	1:26	0:02	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-3-50

AIRBORNE DELAYS DURING 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT STL ==> ORD
STAGE LENGTH = 25M ST. MILES

AIRLINE	AIRCRAFT	-----HUSY (0700-2259)-----				-----DULL (2300-0659)-----				NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		#FLIGHTS	AVG AIR TIME	AVG AIR DELAY		
AA	710 H-727-100	225	0:54	0:16						0:38 (7211)
	715 H-727-200	191	0:53	0:15						0:38 (7211)
	802 R-707-100R	397	0:52	0:14						0:38 (7211)
	808 R-707-300R	38	0:52	0:15						0:38 (7211)
	809 H-707-300C	46	0:51	0:12						0:38 (7211)
	TOTAL	897	0:53	0:14						
DL	640 DC-9-30	2685	0:55	0:17		306	0:46	0:08		0:38 (7211)
	710 H-727-100	133	0:53	0:15						0:38 (7211)
	715 H-727-200	156	0:57	0:19						0:38 (7211)
	844 DC-8-30	1	0:47	0:09						0:38 (7211)
	848 DC-8-50	13	1:00	0:22						0:38 (7211)
	TOTAL	2988	0:55	0:17		306	0:46	0:08		
OZ	630 DC-9-10	197	0:58	0:20		73	0:42	0:04		0:38 (7211)
	640 DC-9-30	807	0:54	0:15		28	0:43	0:04		0:38 (7211)
	TOTAL	1004	0:55	0:16		101	0:42	0:04		
ROUTE SUMMARY		4889	0:55	0:16		407	0:45	0:07		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-1

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL >>> DEN
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS			
DL	640 DC-9-30			5	0111	5			1135 (7404)
	710 B-727-100			1	0106	1			1135 (7404)
	715 B-727-200			302	0101	302			1135 (7404)
	760 L-1011			342	0111	342			1135 (7404)
	816 B-747			561	0104	561			1135 (7404)
	848 DC-8-50			785	0108	785			1135 (7404)
	851 DC-R-61			145	0111	145			1135 (7404)
	TOTAL			2141	0107	2141			
EA	630 DC-9-10			118	0108	118			1135 (7404)
	640 DC-9-30			397	0113	397			1135 (7404)
	710 B-727-100			241	0106	241			1135 (7404)
	711 B-727-100C/DC			155	0104	155			1135 (7404)
	715 B-727-200			155	0104	155			1135 (7404)
	TOTAL			1066	0108	1066			
ROUTE SUMMARY				3207	0107	3207			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-2

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL ↔ MIA
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
DL	630 DC-9-10	1	0:00			1		1115 (7209)
	640 DC-9-30	27	0:01			31	0:01	1115 (7209)
	710 B-727-100	3	-0:00	4	0:09	13	0:05	1115 (7209)
	715 B-727-200	10	0:04	10	0:05	333	-0:02	1115 (7209)
	730 DC-10-10	174	0:02	323	0:02	574	0:02	1115 (7209)
	760 L-1011			400	0:03	240	0:07	1115 (7209)
	816 A-747	310	0:02	240	0:07	407	0:01	1115 (7209)
	825 CV-880	8	0:02	97	0:03	6		1115 (7209)
	844 DC-8-30	67	0:03			1137	-0:00	1115 (7209)
	848 DC-8-50	655	0:05	482	0:05	996	-0:03	1115 (7209)
EA	851 DC-8-61	585	0:06	411	0:03	3807	-0:00	1115 (7209)
	TOTAL	1840	0:04	1967	0:04			
	630 DC-9-10	2	0:08	9	0:06	11	-0:02	1115 (7209)
	640 DC-9-30	501	0:09	748	0:08	1249	-0:00	1115 (7209)
	710 B-727-100	150	0:06	408	0:05	558	-0:00	1115 (7209)
	711 B-727-100C/DC	224	0:05	55	0:02	279	-0:02	1115 (7209)
	715 B-727-200	146	0:03	42	0:05	188	0:02	1115 (7209)
	760 L-1011	2	0:02	79	0:02	81	0:00	1115 (7209)
	842 DC-8-20	2	0:04			2		1115 (7209)
	TOTAL	1027	0:07	1341	0:07	2368	0:00	
NW	710 B-727-100	364	0:08	396	0:07	760	-0:01	1115 (7209)
	715 B-727-200	9	0:09	11	0:07	20	-0:02	1115 (7209)
	733 DC10-40			45	0:09	45		1115 (7209)
	808 B-707-300R	9	0:08	1	0:10	10	0:02	1115 (7209)
	809 B-707-300C	75	0:08	1	0:13	76	0:06	1115 (7209)
	TOTAL	457	0:08	454	0:07	911	-0:00	
UA	620 B-737-200	248	0:12	1	0:15	249	0:03	1115 (7209)
	710 B-727-100	135	0:05	465	0:06	600	0:00	1115 (7209)
	711 B-727-100C/DC	69	0:05	7	0:07	76	0:03	1115 (7209)
	715 B-727-200	217	0:07	6	0:07	223	0:00	1115 (7209)
	TOTAL	669	0:08	479	0:06	1148	-0:03	
ROUTE SUMMARY		3993	0:06	4241	0:05	8234	-0:01	

TABLE I-4-3

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ATL ==> ORD
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
DL	630 DC-9-10	61	0:18	420	0:16	61		1:15 (7204)
	640 DC-9-30	372	0:14			792	0:03	1:15 (7204)
	710 B-727-100	1	0:11			1		1:15 (7204)
	715 B-727-200	8	0:11	428	0:25	436	0:14	1:15 (7204)
	730 DC-10-10			221	0:16	221		1:15 (7204)
	760 L-1011			232	0:27	232		1:15 (7204)
	816 B-747	151	0:15	119	0:16	270	0:01	1:15 (7204)
	825 CV-880	194	0:12			194		1:15 (7204)
	844 DC-8-30	337	0:21	8	0:20	345	-0:01	1:15 (7204)
	848 DC-8-50	498	0:20	19	0:20	517	-0:00	1:15 (7204)
	851 DC-8-61	355	0:14	66	0:15	421	0:02	1:15 (7204)
	TOTAL	1977	0:17	1513	0:21	3490	0:04	
EA	630 DC-9-10	141	0:12	536	0:16	677	0:03	1:15 (7204)
	640 DC-9-30	761	0:16	345	0:20	1106	0:03	1:15 (7204)
	710 B-727-100	199	0:15	302	0:19	501	0:04	1:15 (7204)
	711 B-727-100C/DC	826	0:10	124	0:17	950	0:07	1:15 (7204)
	715 B-727-200	366	0:10	144	0:21	510	0:11	1:15 (7204)
	760 L-1011	104	0:09	315	0:08	419	-0:01	1:15 (7204)
	842 DC-8-20	16	0:08			16		1:15 (7204)
	851 DC-8-61	27	0:09			27		1:15 (7204)
	856 DC-8-63	6	0:06			6		1:15 (7204)
	TOTAL	2446	0:12	1766	0:16	4212	0:04	
NW	710 B-727-100	923	0:20	474	0:27	1397	0:07	1:15 (7204)
	715 B-727-200	77	0:17	6	0:37	83	0:20	1:15 (7204)
	733 DC10-40			91	0:24	91		1:15 (7204)
	809 B-707-300C			1	0:14	1		1:15 (7204)
	TOTAL	1000	0:19	572	0:26	1572	0:07	
ROUTE SUMMARY		5423	0:15	3851	0:19	9274	0:04	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-4

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> DCA
STAGE LENGTH = 399 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1353	0:04	1194	0:04	2547	-0:01	0159 (7210)
	715 B-727-200	944	0:04	895	0:05	1839	0:00	0159 (7210)
	802 B-707-100R			2	0:25	2		0159 (7210)
	TOTAL	2297	0:04	2091	0:04	4388	-0:00	
AL	430 CV-580	1	0:08	4	0:22	5	0:14	1130 (7204)
	605 B-111-200	76	0:12	263	0:08	339	-0:04	0159 (7210)
	640 DC-9-30	48	0:07			48		0159 (7210)
	TOTAL	125	0:10	267	0:09	392	-0:02	
DL	640 DC-9-30	572	0:02	240	0:03	812	0:01	0159 (7210)
	710 B-727-100	456	0:01	55	0:01	511	0:00	0159 (7210)
	715 B-727-200	1120	0:00	2198	0:02	3318	0:02	0159 (7210)
	TOTAL	2148	0:01	2493	0:02	4641	0:01	
FA	550 L-188A-08/18RC	15	-0:02	17	0:02	32	0:04	1130 (7204)
	630 DC-9-10	312	0:03	3	0:09	315	0:06	0159 (7210)
	640 DC-9-30	1076	0:06	1127	0:07	2203	0:01	0159 (7210)
	710 B-727-100	93	0:03	292	0:05	385	0:02	0159 (7210)
	711 B-727-100C/QC	96	0:05	122	0:06	218	0:01	0159 (7210)
	715 B-727-200	88	0:05	178	0:06	266	0:01	0159 (7210)
	TOTAL	1680	0:05	1739	0:07	3419	0:01	
ROUTE SUMMARY		6250	0:04	6590	0:04	12840	0:01	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-5

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT 803 ==> FWR
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
DL	640 DC-9-30	218	0:03	369	0:04	587	0:01		0140 (7210)
	710 B-727-100	249	0:02	1	0:10	250	0:09		0140 (7210)
	715 B-727-200	361	0:06	173	0:05	534	-0:01		0140 (7210)
	760 L-1011			55	0:07	55			0140 (7210)
	825 CV-880	219	0:01			219			0140 (7210)
	851 DC-8-61			234	0:06	234			0140 (7210)
	TOTAL	1047	0:03	832	0:05	1879	0:02		
EA	550 L-188A-06/188C								
	630 DC-9-10	1105	0:15	27	0:17	1132	0:02		0140 (7212)
	640 DC-9-30	2713	0:06	194	0:08	194			0140 (7210)
	710 B-727-100	165	0:06	885	0:08	3598	0:02		0140 (7210)
	711 B-727-100C/QC	73	0:07	232	0:05	397	-0:01		0140 (7210)
	715 B-727-200	58	0:03	148	0:06	221	-0:01		0140 (7210)
	760 L-1011	13	0:06	356	0:05	414	0:02		0140 (7210)
	842 DC-8-20	1	0:01	406	0:06	419	-0:00		0140 (7210)
	TOTAL	4128	0:08	2248	0:07	6376	-0:02		
NA	715 B-727-200	7	0:05			7			0140 (7210)
	TOTAL	7	0:05			7			
ROUTE SUMMARY		5182	0:07	3080	0:06	8262	-0:01		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-6

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BOS ==> JFK
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	135	0111	7	0115	142	0104	0129 (7203)
	715 B-727-200	4	0110	12	0110	16	-0100	0129 (7203)
	730 DC-10-10	46	0108	190	0111	236	0103	0129 (7203)
	802 B-707-100R	305	0111	587	0111	892	-0100	0129 (7203)
	808 B-707-300R	61	0114	38	0110	99	-0104	0129 (7203)
	809 B-707-300C	252	0114	66	0113	318	-0101	0129 (7203)
	816 B-747			1	1127	1		0129 (7203)
	TOTAL	843	0112	901	0111	1744	-0101	
DL	600 DC-9-30	384	0115	266	0118	650	0103	0129 (7203)
	710 B-727-100	158	0119			158		0129 (7203)
	715 B-727-200	435	0110	489	0108	924	-0102	0129 (7203)
	760 L-1011			1	0117	1		0129 (7203)
	825 CV-880	231	0110			231		0129 (7203)
	848 DC-8-50	1	0112	1	0104	2	-0108	0129 (7203)
	851 DC-8-61			57	0114	57		0129 (7203)
	TOTAL	1209	0113	814	0112	2023	-0101	
EA	630 DC-9-10	2	0125			2		0129 (7203)
	640 DC-9-30	140	0109	5	0113	145	0104	0129 (7203)
	710 B-727-100	486	0108	46	0109	532	0100	0129 (7203)
	711 B-727-100C/DC	163	0110	172	0109	335	-0102	0129 (7203)
	715 B-727-200	79	0108	129	0110	208	0102	0129 (7203)
	TOTAL	870	0109	352	0109	1222	0100	
NA	710 B-727-100	183	0116	60	0121	243	0105	0129 (7203)
	715 B-727-200	680	0112	199	0115	879	0103	0129 (7203)
	842 DC-8-20	22	0117	59	0116	81	-0101	0129 (7203)
	848 DC-8-50	25	0114			25		0129 (7203)
	850 DC-8-50F	50	0117	24	0111	74	-0105	0129 (7203)
	851 DC-8-61	11	0122	21	0117	32	-0105	0129 (7203)
	TOTAL	971	0114	363	0116	1334	0103	
PA	808 B-707-300R	55	0118			55		0129 (7203)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-6 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT 809 ==> JFK (CONTINUED)									
STAGE LENGTH = 187 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
PA (CONT)	809 H-707-300C	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
	TOTAL	97	0:11	4	0:15	101	0:03		0129 (7203)
		152	0:14	4	0:15	156	0:01		
TW	710 B-727-100	64	0:10	1	0:10	65	-0:05		0129 (7203)
	711 B-727-100C/DC	19	0:11			19			0129 (7203)
	715 B-727-200	3	0:11			3			0129 (7203)
	802 B-707-100B	1	0:06	87	0:10	88	0:04		0129 (7203)
	806 B-707-300	44	0:18	20	0:23	64	0:06		0129 (7203)
	808 B-707-300H	16	0:12	31	0:11	47	-0:01		0129 (7203)
	809 B-707-300C	2	0:09	164	0:11	166	0:02		0129 (7203)
	TOTAL	149	0:13	303	0:11	452	-0:01		
UA	850 DC-8-50F	37	0:10	156	0:16	193	0:05		0129 (7203)
	TOTAL	37	0:10	156	0:16	193	0:05		
ROUTE SUMMARY		4231	0:12	2893	0:12	7124	-0:00		

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE I-4-7

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ROS ==> LGA
STAGE LENGTH = 185 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	
AA	710 A-727-100	1569	0109	1191	0110	2560	0101		0130 (7211)
	715 A-727-200	889	0110	970	0110	1859	0100		0130 (7211)
	730 DC-10-10	1	0108			1			0130 (7211)
	802 B-707-100H	1	0105			1			0130 (7211)
	TOTAL	2260	0109	2161	0110	4421	0101		
DL	640 DC-8-30	469	0107	380	0106	849	-0101		0130 (7211)
	710 A-727-100	85	0113			85			0130 (7211)
	715 A-727-200	5	0104	332	0103	337	-0101		0130 (7211)
	730 DC-10-10	165	0119			165			0130 (7211)
	848 DC-8-50	1	0105			1			0130 (7211)
	TOTAL	725	0110	712	0104	1437	-0106		
EA	550 L-188A-08/188C	1963	0110	2760	0111	4723	0101		0138 (7209)
	640 DC-8-30	5384	0109	5631	0110	11015	0101		0130 (7211)
	710 A-727-100	627	0109	85	0114	712	0105		0130 (7211)
	711 A-727-100C/QC	60	0111	27	0112	87	0101		0130 (7211)
	715 A-727-200	87	0110	161	0113	248	0103		0130 (7211)
	760 L-1011	2	0114			2			0130 (7211)
	TOTAL	8123	0109	8684	0110	16787	0101		
ROUTE SUMMARY		11108	0109	11537	0110	22645	0101		

TABLE I-4-8

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT BOS => PHL STAGE LENGTH = 280 ST. MILES		-----1973-----				-----1974-----				TOTAL		NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY			#FLIGHTS	AVG AIR DELAY			#FLIGHTS	CHANGE IN AVG AIR DELAY	
AA	710 R-727-100	6	0:13			1	0:18			1		0:42 (7210)
	715 R-727-200					75	0:12			81	-0:01	0:40 (7212)
	730 DC-10-10					121	0:12			121		0:42 (7210)
	802 R-707-100R	84	0:16			130	0:13			214	-0:03	0:40 (7212)
	808 R-707-300R	2	0:17			32	0:11			34	-0:06	0:40 (7212)
AA	809 R-707-300C	3	0:22			70	0:13			73	-0:09	0:40 (7212)
	TOTAL	95	0:16			429	0:13			524	-0:104	
AL	430 CV-590	3	-0:13			23	-0:09			26	0:04	1:24 (7204)
	605 R-1-11-200	217	0:21			1828	0:17			2045	-0:103	0:40 (7212)
	640 DC-9-30	4250	0:16			2241	0:14			6491	-0:102	0:40 (7212)
	TOTAL	4470	0:17			4092	0:15			8562	-0:101	
DL	640 DC-9-30	1028	0:14			902	0:15			1930	0:01	0:40 (7212)
	710 R-727-100	348	0:14			1064	0:12			348	-0:103	0:40 (7212)
	715 R-727-200	455	0:15			1519	0:12			1519		0:40 (7212)
	730 DC-10-10	77	0:19							77		0:40 (7212)
	TOTAL	1908	0:14			1966	0:13			3874	-0:101	
EA	710 R-727-100	95	0:13			104	0:15			199	0:02	0:40 (7212)
	711 R-727-100C/DC	1	0:12			61	0:14			62	0:02	0:40 (7212)
	715 R-727-200	13	0:13			14	0:13			27	0:00	0:40 (7212)
	TOTAL	109	0:13			179	0:14			288	0:01	
NA	710 R-727-100	10	0:14							10		0:40 (7212)
	715 R-727-200	180	0:17							180		0:40 (7212)
	TOTAL	190	0:17							190		
PA	808 R-707-300R	87	0:16			101	0:17			188	0:01	0:40 (7212)
	809 R-707-300C	58	0:15			41	0:16			99	0:00	0:40 (7212)
	TOTAL	145	0:16			142	0:17			287	0:01	

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-8 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974							
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE							
SEGMENT RQS ==> PHL (CONTINUED)							
STAGE LENGTH = 280 ST. MILES							
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY		
TM	809 8-707-300C	209	0:12			209	
	TOTAL	209	0:12			209	
ROUTE SUMMARY		7126	0:16	6808	0:15	13934	-0:01
							0:40 (7212)

TABLE I-4-9

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT CLE ==> DTW STAGE LENGTH = 95 ST. MILES															
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		CHANGE IN		TOTAL		NOMINAL TIME					
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY		#FLIGHTS		(DATE)					
AL	430 CV-580	817	0104					817		0124 (7209)					
	605 B-111-200	143	0107	26	0108			26		0118 (7202)					
	640 DC-9-30							143		0118 (7202)					
	TOTAL	960	0105	26	0108			986	0103						
DL	640 DC-9-30	328	0105	337	0102	-0103		665	-0103	0118 (7202)					
	TOTAL	328	0105	337	0102	-0103		665	-0103						
EA	640 DC-9-30	48	0108					48		0118 (7202)					
	710 B-727-100	28	0107	34	0107	-0100		62	-0100	0118 (7202)					
	711 B-727-100C/DC	1	0104	8	0108	0103		9	0103	0118 (7202)					
	715 B-727-200	127	0108					127		0118 (7202)					
	TOTAL	204	0108	42	0107	-0101		246	-0101						
NC	430 CV-580	2425	0104	1409	0104	-0100		3834	-0100	0124 (7209)					
	640 DC-9-30	244	0108	542	0106	-0102		786	-0102	0118 (7202)					
	TOTAL	2669	0104	1951	0104	0100		4620	0100						
NW	710 B-727-100	432	0107	249	0106	-0101		731	-0101	0118 (7202)					
	715 B-727-200	301	0107	121	0106	-0101		422	-0101	0118 (7202)					
	TOTAL	733	0107	420	0106	-0101		1153	-0101						
UA	620 B-737-200	329	0109					329		0118 (7202)					
	711 B-727-100C/DC	79	0105					79		0118 (7202)					
	842 DC-8-20	8	0108					8		0118 (7202)					
	844 DC-8-30	3	0109					3		0118 (7202)					
	848 DC-8-50	2	0104					2		0118 (7202)					
	850 DC-8-50F	242	0106	162	0105	-0101		404	-0101	0118 (7202)					
	851 DC-8-61	2	0104					2		0118 (7202)					
	TOTAL	665	0107	162	0105	-0102		827	-0102						
ROUTE SUMMARY		5559	0105	2938	0104	-0101		8497	-0101						

TABLE I-4-10

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> HOS STAGE LENGTH = 399 ST. MILES						
AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS
AA	710 A-727-100	1215	0105	1206	0105	2421
	715 A-727-200	875	0106	793	0106	1668
	TOTAL	2090	0106	1999	0105	4089
AL	430 CV-580					
	605 B-111-200	24	0108	2	0111	2
	640 DC-9-30	45	0108	6	0104	314
DL	TOTAL	119	0108	298	0111	417
	640 DC-9-30	908	0107			915
	710 A-727-100	397	0104	7	0101	397
EA	715 A-727-200	1184	0105	2435	0107	3619
	TOTAL	2489	0106	2442	0107	4931
EA	550 L-188A-08/188C					
	630 DC-9-10	10	0104	17	0104	27
	640 DC-9-30	313	0107	195	0106	508
EA	710 A-727-100	928	0107	757	0107	1685
	711 A-727-100C/OC	90	0105	201	0104	291
	715 A-727-200	20	0104	11	0104	31
EA	TOTAL	407	0105	473	0105	880
		1768	0107	1654	0106	3422
ROUTE SUMMARY		6466	0106	6393	0106	12859
						0100

NOMINAL TIME
(DATE)

CHANGE IN
AVG AIR
DELAY

TOTAL
#FLIGHTS

-----1974-----
#FLIGHTS

-----1973-----
#FLIGHTS

AVG AIR
DELAY

AVG AIR
DELAY

AVG AIR
DELAY

AVG AIR
DELAY

AVG AIR
DELAY

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-11

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DCA ==> LGA
STAGE LENGTH = 214 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	1299	0:16	1353	0:14	2652	-0:02	0129 (7211)
	715 B-727-200	654	0:15	490	0:16	1144	0:01	0129 (7211)
	800 B-707-300R			1	0:13	1		0129 (7211)
	TOTAL	1953	0:15	1844	0:14	3797	-0:01	
EA	550 L-188A-08/188C	2368	0:10	2743	0:11	5111	0:01	0130 (7201)
	630 DC-9-10	8	0:14	1	0:10	9	-0:03	0129 (7211)
	640 DC-9-30	5104	0:15	5592	0:14	10696	-0:01	0129 (7211)
	710 B-727-100	554	0:15	242	0:13	796	-0:02	0129 (7211)
	711 B-727-100C/DC	38	0:18	60	0:12	98	-0:05	0129 (7211)
	715 B-727-200	164	0:18	143	0:17	307	-0:01	0129 (7211)
	TOTAL	8236	0:13	8781	0:13	17017	-0:01	
NA	710 B-727-100	1	0:06	3	0:08	4	0:02	0129 (7211)
	715 B-727-200	117	0:13	139	0:13	256	-0:00	0129 (7211)
	TOTAL	118	0:13	142	0:13	260	-0:00	
ROUTE SUMMARY		10307	0:14	10767	0:13	21074	-0:01	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-12

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT DCA ==> ORD STAGE LENGTH = 612 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY	(DATE)
AA	710 B-727-100	2068	0119	2005	0123	4073		0104	1122 (7207)
	715 B-727-200	1775	0117	1039	0121	2814		0104	1122 (7207)
	TOTAL	3843	0118	3044	0122	6887		0104	
TW	710 B-727-100	622	0112	344	0117	966		0104	1122 (7207)
	711 B-727-100C/QC	212	0112	105	0117	317		0104	1122 (7207)
	715 B-727-200	885	0117	974	0123	1859		0106	1122 (7207)
	TOTAL	1719	0115	1423	0121	3142		0106	
UA	620 B-737-200	23	0124	213	0122	236		-0102	1122 (7207)
	710 B-727-100	549	0119	422	0125	971		0107	1122 (7207)
	711 B-727-100C/QC	451	0119	162	0119	613		0101	1122 (7207)
	715 B-727-200	1441	0117	987	0123	2428		0106	1122 (7207)
	TOTAL	2464	0118	1784	0123	4248		0105	
ROUTE SUMMARY		4026	0117	6251	0122	14277		0105	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-13

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DEN ==> ORD STAGE LENGTH = 400 ST. MILFS													
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN		NOMINAL TIME			
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY		(DATE)			
CN	635 DC-9-15F	14	0:11	728	0:14	14		0:03		1141 (7212)			
	715 H-727-200	343	0:11	774	0:12	1071		0:02		1141 (7212)			
	730 DC-10-10	1207	0:10			1941				1141 (7212)			
	809 H-707-300C	1	0:15			1		-0:03		1141 (7212)			
	814 H-720-000R	252	0:16	26	0:14	278				1141 (7212)			
	816 H-747	11	0:10			11				1141 (7212)			
TOTAL		1828	0:11	1528	0:13	3356		0:02					
TM	710 H-727-100	10	0:14	154	0:14	164		-0:00		1141 (7212)			
	711 H-727-100C/QC	3	0:25	43	0:13	46		-0:13		1141 (7212)			
	715 H-727-200	5	0:05	400	0:19	405		0:14		1141 (7212)			
	802 H-707-100H	45	0:12	342	0:16	387		0:04		1141 (7212)			
	806 H-707-300	1	0:09	22	0:10	23		0:02		1141 (7212)			
	808 H-707-300B	1	0:21	52	0:16	53		-0:05		1141 (7212)			
	809 H-707-300C	1444	0:13	167	0:17	1611		-0:04		1141 (7212)			
	825 CV-880	1509	0:13	1184	0:16	2693		0:03		1141 (7212)			
TOTAL													
UA	620 H-737-200	3	0:15	5	0:27	8		0:13		1141 (7212)			
	710 H-727-100	726	0:18	346	0:16	1072		-0:01		1141 (7212)			
	711 H-727-100C/QC	145	0:14	41	0:14	186		-0:00		1141 (7212)			
	715 H-727-200	39	0:18	39	0:13	78		-0:05		1141 (7212)			
	730 DC-10-10	856	0:13	590	0:19	1426		0:06		1141 (7212)			
	816 H-747	303	0:19	27	0:19	327				1141 (7212)			
	842 DC-8-20	133	0:16	78	0:15	381		-0:04		1141 (7212)			
	844 DC-8-30	54	0:16	11	0:20	144		0:03		1141 (7212)			
	848 DC-8-50	54	0:16	36	0:14	90		-0:03		1141 (7212)			
	850 DC-8-50F	246	0:07			246				1141 (7212)			
	851 DC-8-61	198	0:16	174	0:17	372		0:01		1141 (7212)			
	854 DC-8-62	8	0:12	34	0:09	42		-0:03		1141 (7212)			
TOTAL		2691	0:15	1381	0:17	4072		0:02					
ROUTE SUMMARY		6028	0:13	4093	0:15	10121		0:02					

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-14

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DFW ==> ATL
STAGE LENGTH = 731 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
DL	640 DC-9-30	241	0:12	241	0:12	241		1127 (7402)
	710 B-727-100	1	0:17	1	0:17	1		1127 (7402)
	715 B-727-200	375	0:10	375	0:10	375		1127 (7402)
	760 L-1011	608	0:09	608	0:09	608		1127 (7402)
	816 H-747	279	0:13	279	0:13	279		1127 (7402)
	848 DC-8-50	477	0:04	477	0:04	477		1127 (7402)
	851 DC-8-61	178	0:08	178	0:08	178		1127 (7402)
	TOTAL	2159	0:09	2159	0:09	2159		
EA	630 DC-9-10	119	0:21	119	0:21	119		1127 (7402)
	640 DC-9-30	280	0:09	280	0:09	280		1127 (7402)
	710 B-727-100	413	0:11	413	0:11	413		1127 (7402)
	711 B-727-100C/QC	121	0:09	121	0:09	121		1127 (7402)
	715 B-727-200	5	0:06	5	0:06	5		1127 (7402)
	TOTAL	938	0:11	938	0:11	938		
ROUTE SUMMARY		5097	0:10	5097	0:10	5097		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-15

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW ==> LGA
STAGE LENGTH = 501 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
AA	710 R-727-100	2125	0109	2239	0107	4364	-0101	1104 (7210)
	715 R-727-200	1429	0110	913	0107	2342	-0103	1104 (7210)
	802 R-707-100H	1	0100			1		1104 (7210)
	TOTAL	3555	0109	3152	0107	6707	-0102	
NW	710 R-727-100	246	0114			246		1104 (7210)
	715 R-727-200	5	0111			5		1104 (7210)
	TOTAL	251	0114			251		
UA	620 R-737-200	696	0112			696		1104 (7210)
	710 R-727-100	629	0109			629		1104 (7210)
	711 R-727-100C/9C	159	0110			159		1104 (7210)
	715 R-727-200	20	0111			20		1104 (7210)
	TOTAL	1504	0111			1504		
ROUTE SUMMARY		5310	0110	3152	0107	8462	-0102	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-16

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT DTW -> ORD
STAGE LENGTH = 235 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----			-----1974-----			TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY		#FLIGHTS	AVG AIR DELAY				
AA	710 B-727-100	352	0:09		227	0:13		579	0:04	0:36 (7205)
	715 B-727-200	249	0:06		404	0:14		653	0:08	0:36 (7205)
	730 DC-10-10	729	0:10		729	0:09		1458	-0:02	0:36 (7205)
	802 B-707-100H	971	0:09		432	0:12		1403	0:03	0:36 (7205)
	808 B-707-300R	212	0:08		72	0:09		284	0:01	0:36 (7205)
	809 B-707-300C	539	0:07		114	0:06		453	-0:01	0:36 (7205)
	816 B-747	425	0:09		6	0:08		431	-0:00	0:36 (7205)
	TOTAL	3277	0:09		1984	0:11		5261	0:02	
DL	640 DC-9-30	659	0:10		344	0:09		1003	-0:01	0:36 (7205)
	TOTAL	659	0:10		344	0:09		1003	-0:01	
EA	710 B-727-100	47	0:06		15	0:04		62	-0:03	0:36 (7205)
	711 B-727-100C/DC	21	0:04		7	0:08		28	0:05	0:36 (7205)
	715 B-727-200	18	0:09		3	0:04		21	-0:05	0:36 (7205)
	TOTAL	86	0:06		25	0:05		111	-0:01	
NW	710 B-727-100	896	0:11		553	0:15		1449	0:04	0:36 (7205)
	715 B-727-200	123	0:12		62	0:13		185	0:01	0:36 (7205)
	733 DC10-40	218	0:04		408	0:07		626	0:03	0:36 (7205)
	808 B-707-300H	29	0:05		2	0:03		31	-0:02	0:36 (7205)
	809 B-707-300C	417	0:09		186	0:09		603	-0:00	0:36 (7205)
	814 B-720-000H	5	0:11					5		0:36 (7205)
	816 B-747	224	0:13		244	0:07		468	-0:05	0:36 (7205)
	TOTAL	1912	0:10		1455	0:11		3367	0:01	
PA	809 B-707-300C	292	0:10		184	0:10		476	-0:00	0:36 (7205)
	TOTAL	292	0:10		184	0:10		476	-0:00	
UA	620 B-737-200	616	0:10		757	0:10		1373	0:00	0:36 (7205)
	710 B-727-100	138	0:07		38	0:14		176	0:07	0:36 (7205)
	711 B-727-100C/DC	89	0:06		3	0:09		92	0:03	0:36 (7205)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-16 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY MIUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT DTM ==> DBD (CONTINUED)									
STAGE LENGTH = 235 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
UA (CONT)	715 H-727-200	92	0:11			92			0138 (7205)
	730 DC-10-10	83	0:05			83		0:19	0138 (7205)
	816 A-747	34	0:09	164	0:23	247			0138 (7205)
	842 DC-A-20	119	0:14	54	0:10	173		-0:04	0138 (7205)
	844 DC-B-30	43	0:12			43			0138 (7205)
	848 DC-A-50	55	0:11	14	0:08	69		-0:03	0138 (7205)
	851 DC-B-61	142	0:13	83	0:13	225		0:00	0138 (7205)
	854 DC-B-62	22	0:06	3	0:10	25		0:04	0138 (7205)
	TOTAL	1433	0:10	1116	0:12	2549		0:03	
ROUTE SUMMARY		7659	0:09	5108	0:11	12767		0:02	

TABLE I-4-17

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT FWR ==> RWS
STAGE LENGTH = 201 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
DL	640 DC-9-30	30	0105			30		0124 (7210)
	710 B-727-100	3	0112			3		0124 (7210)
	715 B-727-200	595	0108	150	0111	745	0103	0124 (7210)
	851 DC-8-61			150	0114	150		0124 (7210)
	TOTAL	628	0108	300	0113	928	0105	
FA	550 L-188A-08/188C	1110	0108	23	0107	1133	-0101	0136 (7201)
	630 DC-9-10			2	0114	2		0124 (7210)
	640 DC-9-30	2708	0113	810	0114	3518	0101	0124 (7210)
	710 B-727-100	281	0112	223	0112	504	-0101	0124 (7210)
	711 B-727-100C/DC	81	0114	146	0110	227	-0104	0124 (7210)
	715 B-727-200	129	0110	287	0113	416	0103	0124 (7210)
	760 L-1011	13	0112	495	0113	508	0101	0124 (7210)
	842 DC-8-20	2	0114			2		0124 (7210)
	TOTAL	4324	0112	1986	0113	6310	0101	
NA	710 B-727-100	5	0110			5		0124 (7210)
	715 B-727-200	112	0112			112		0124 (7210)
	TOTAL	117	0112			117		
ROUTE SUMMARY								
		5069	0111	2286	0113	7355	0102	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-18

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT FHR ==> ORD STAGE LENGTH = 719 ST. MILES		-----1973-----				-----1974-----				TOTAL		CHANGE IN		NOMINAL TIME	
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR	DELAY		#FLIGHTS	AVG AIR	DELAY		#FLIGHTS	AVG AIR	DELAY		(DATE)	(DATE)
AA	710 H-727-100	96	0:19			22	0:19			118		-0:00		1132 (7203)	
	715 A-727-200	175	0:20			729	0:24			175		0:02		1132 (7203)	
	802 B-707-100H	1092	0:23			214	0:30			1821		0:09		1132 (7203)	
	808 B-707-300H	85	0:19			424	0:30			299		0:10		1132 (7203)	
	809 B-707-300C	317	0:21							741		0:09		1132 (7203)	
TOTAL		1765	0:22			1369	0:27			3154		0:05			
TW	710 B-727-100	100	0:25			4	0:22			104		-0:03		1132 (7203)	
	711 B-727-100C/QC	41	0:28			2	0:19			43		-0:09		1132 (7203)	
	715 B-727-200	382	0:21			171	0:33			553		0:12		1132 (7203)	
	802 B-707-100H	158	0:16			328	0:25			486		0:09		1132 (7203)	
	806 B-707-300	1	0:14			22	0:16			23		0:02		1132 (7203)	
	808 B-707-300H					28	0:20			28				1132 (7203)	
	809 B-707-300C	557	0:20			3	0:36			3		0:14		1132 (7203)	
TOTAL		1239	0:20			633	0:28			1872		0:07			
UA	620 B-737-200	7	0:41			2	0:39			9		-0:02		1132 (7203)	
	710 B-727-100	97	0:28			78	0:28			175		-0:00		1132 (7203)	
	711 B-727-100C/QC	266	0:14			3	0:41			269		0:27		1132 (7203)	
	715 B-727-200	43	0:22			139	0:42			182		0:20		1132 (7203)	
	730 DC-10-10	624	0:19			413	0:27			1037		0:09		1132 (7203)	
	816 B-747					140	0:25			140				1132 (7203)	
	842 DC-8-20	104	0:26			109	0:37			213		0:10		1132 (7203)	
	844 DC-8-30	42	0:28			5	0:39			47		0:10		1132 (7203)	
	848 DC-8-50	42	0:26			30	0:26			72		-0:00		1132 (7203)	
	850 DC-8-50F	250	0:16			163	0:17			413		0:02		1132 (7203)	
	851 DC-8-61	466	0:28			173	0:31			639		0:03		1132 (7203)	
	854 DC-8-62	13	0:30			4	0:29			17		-0:01		1132 (7203)	
TOTAL		1954	0:21			1259	0:29			3213		0:08			
ROUTE SUMMARY		4958	0:21			3281	0:28			8239		0:07			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-19

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK → BOS
STAGE LENGTH = 187 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
AA	710 B-727-100	39	0112	7	0113	46	0101	0121 (7208)
	730 DC-10-10	89	0114	38	0114	127	0100	0121 (7208)
	802 R-707-100R	375	0113	333	0115	708	0101	0121 (7208)
	808 R-707-300R	13	0112	83	0114	96	0101	0121 (7208)
	809 R-707-300C	195	0115	154	0115	349	0100	0121 (7208)
	816 R-747	2	0116			2		0121 (7208)
	TOTAL	713	0114	615	0114	1328	0101	
DL	640 DC-9-30	572	0109	293	0111	865	0102	0121 (7208)
	710 B-727-100	81	0107	3	0112	84	0105	0121 (7208)
	715 B-727-200	562	0110	807	0109	1369	-0100	0121 (7208)
	730 DC-10-10	165	0117			165		0121 (7208)
	760 L-1011	232	0107	57	0120	289		0121 (7208)
	825 CV-880					57		0121 (7208)
	831 DC-8-61			1	0122	1		0121 (7208)
	TOTAL	1612	0109	1161	0110	2773	0101	
EA	640 DC-9-30	36	0114	88	0118	88		0121 (7208)
	710 B-727-100	390	0114	70	0114	106	0100	0121 (7208)
	711 B-727-100C/QC	66	0115	126	0113	516	-0100	0121 (7208)
	715 B-727-200	492	0114	24	0116	90	0101	0121 (7208)
	TOTAL	964	0114	308	0115	800	0101	
NA	710 B-727-100	86	0113	1	0113	87	-0100	0121 (7208)
	715 B-727-200	621	0114	132	0115	753	0101	0121 (7208)
	842 DC-8-20			1	0125	1		0121 (7208)
	TOTAL	707	0114	134	0115	841	0101	
PA	808 B-707-300R	48	0119			48		0121 (7208)
	809 R-707-300C	118	0118	6	0115	124	-0103	0121 (7208)
	TOTAL	166	0119	6	0115	172	-0103	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-19 (Continued)

AIRFRAME DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT JFK ==> BOS (CONTINUED)									
STAGE LENGTH = 187 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
TW	710 H-727-100	65	0:15	1	0:08	66	-0:07		0:21 (7208)
	711 H-727-100C/DC	19	0:15			19			0:21 (7208)
	715 H-727-200	2	0:16			2			0:21 (7208)
	802 H-707-100H			96	0:14	96			0:21 (7208)
	806 H-707-300	34	0:16	19	0:17	53	0:01		0:21 (7208)
	808 H-707-300H	9	0:16	35	0:14	44	-0:02		0:21 (7208)
	809 H-707-300C	209	0:16	156	0:15	365	-0:01		0:21 (7208)
	816 H-747			1	0:14	1			0:21 (7208)
TOTAL		338	0:16	308	0:15	646	-0:01		
ROUTE SUMMARY		4028	0:12	2532	0:13	6560	0:00		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-20

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT JFK => MIA
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
BN	802 R-707-100B	5	0:16			5		2:14 (7209)
	848 DC-8-50	8	0:10			24	0:08	2:14 (7209)
	854 DC-8-62	227	0:14	16	0:15	508	0:01	2:14 (7209)
	TOTAL	240	0:14	297	0:16	537	0:02	
DL	640 DC-9-30	1	0:17			1		2:14 (7209)
	710 R-727-100	4	0:07			4		2:14 (7209)
	715 R-727-200	36	0:06	415	0:03	451	-0:03	2:14 (7209)
	730 DC-10-10	363	0:06	106	0:17	469	0:11	2:14 (7209)
	760 L-1011	2	0:20	3	0:14	5	-0:07	2:14 (7209)
	816 R-747	167	0:12			167		2:14 (7209)
	825 CV-880	150	-0:09			150		2:14 (7209)
	848 DC-8-50	1	0:14	156	0:11	156	0:10	2:14 (7209)
	851 DC-8-61	1	0:14	5	0:25	6	0:10	2:14 (7209)
	TOTAL	724	0:05	685	0:07	1409	0:02	
EA	630 DC-9-10	6	0:14			6		2:14 (7209)
	640 DC-9-30	41	0:24	15	0:26	96	0:02	2:14 (7209)
	710 R-727-100	203	0:09	184	0:12	387	0:03	2:14 (7209)
	711 R-727-100C/QC	635	0:05	450	0:09	1085	0:05	2:14 (7209)
	715 R-727-200	527	0:06	298	0:11	825	0:05	2:14 (7209)
	760 L-1011	608	0:07	485	0:09	1093	0:02	2:14 (7209)
	842 DC-8-20	31	0:08			31		2:14 (7209)
	851 DC-8-61	43	0:08			43		2:14 (7209)
	856 DC-8-63	13	0:08			13		2:14 (7209)
	TOTAL	2147	0:07	1432	0:10	3579	0:03	
NA	710 R-727-100	16	0:09			16		2:14 (7209)
	715 R-727-200	436	0:03	8	0:06	24	-0:03	2:14 (7209)
	730 DC-10-10	374	0:05	200	0:05	646	0:01	2:14 (7209)
	732 DC-10-30	61	0:02	87	0:08	148	0:03	2:14 (7209)
	816 R-747	199	0:13	51	0:09	250	0:07	2:14 (7209)
	842 DC-8-20	18	0:14	98	0:12	297	-0:01	2:14 (7209)
	848 DC-8-50	22	0:09	56	0:13	78	-0:01	2:14 (7209)
	850 DC-8-50F	9	0:14	18	0:19	27	0:06	2:14 (7209)
	851 DC-8-61	6	0:04	18	0:14	24	0:10	2:14 (7209)
	TOTAL	1432	0:07	1432	0:10	2864	0:03	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-20 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT JFK ==> MIA (CONTINUED)									
STAGE LENGTH = 1090 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		NOMINAL TIME	
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	CHANGE IN AVG AIR DELAY	(DATE)	
	TOTAL	1141	0106	536	0109	1677	0103		
PA	710 B-727-100	3	0116	4	0108	7	-0108	2114 (7209)	
	808 B-707-300B	177	0113	17	0112	194	-0101	2114 (7209)	
	809 B-707-300C	77	0114	5	0116	82	0102	2114 (7209)	
	TOTAL	257	0114	26	0112	283	-0101		
ROUTE SUMMARY		4509	0107	2976	0110	7485	0103		

----ALL TIMES ARE IN HOURS AND MINUTES----

Table I-4-21

AIRLINE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> ORD
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	332	0114	111	0115	443	0101	3114 (7205)
	715 B-727-200	24	0120	121	0122	145	0102	3114 (7205)
	730 DC-10-10	549	0104	543	0114	1092	0106	3114 (7205)
	802 A-707-100A	564	0110	716	0111	1280	0101	3114 (7205)
	808 A-707-300A	45	0104	134	0104	179	0100	3114 (7205)
	809 A-707-300C	382	0106	452	0107	834	0101	3114 (7205)
	816 B-747	291	0109	3	-0103	294	-0112	3114 (7205)
	TOTAL	2187	0109	2080	0112	4267	0102	
CO	715 B-727-200	115	0107	396	0111	511	0104	3114 (7205)
	730 DC-10-10	794	0109	951	0104	1750	-0101	3114 (7205)
	809 B-720-300C	7	0117			7		3114 (7205)
	814 B-720-000A	229	0104	79	0104	308	0104	3114 (7205)
	816 B-747	353	0104			353		3114 (7205)
	TOTAL	1503	0107	1426	0109	2929	0102	
TW	710 B-727-100	2	0117	2	0107	2		3114 (7205)
	711 B-727-100C/QC							3114 (7205)
	715 B-727-200	5	0116	5	0112	10	-0104	3114 (7205)
	760 L-1011	669	0106	344	0111	1053	0105	3114 (7205)
	802 A-707-100A	762	0115	936	0116	1698	0102	3114 (7205)
	806 A-707-300	3	0115	20	0120	23		3114 (7205)
	808 A-707-300A	16	0109	24	0107	40	-0102	3114 (7205)
	809 B-707-100C	199	0106	147	0107	346	0101	3114 (7205)
	816 B-747	129	0107			129		3114 (7205)
	825 CV-880	5	0109	1	0111	6	0103	3114 (7205)
	TOTAL	1790	0110	1519	0114	3309	0104	
UA	710 B-727-100	2	0112			2		3114 (7205)
	711 B-727-100C/QC	1	0104			1		3114 (7205)
	715 B-727-200	1	0110	1	0109	2	-0101	3114 (7205)
	730 DC-10-10	453	0112	403	0122	856	0110	3114 (7205)
	816 B-747	882	0106	456	0105	1338	-0100	3114 (7205)
	842 DC-8-20	137	0117	49	0114	186	0101	3114 (7205)
	844 DC-8-30	21	0111			21		3114 (7205)
	844 DC-8-50	140	0117	13	0117	153	-0100	3114 (7205)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

T-I-4-21 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> ORD (CONTINUED)
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
UA (C/INT)	850 DC-8-50F	468	0113	165	0106	633	-0107	3114 (7205)
	A51 DC-8-61	311	0116	126	0115	437	-0101	3114 (7205)
	A54 DC-8-62	40	0109	4	0127	44	0117	3114 (7205)
	TOTAL	2456	0111	1217	0113	3673	0102	
ROUTE SUMMARY		7936	0109	6242	0112	14178	0102	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-22

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY MIUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LAX ==> SFO STAGE LENGTH = 338 ST. MILES		-----1973-----				-----1974-----				TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY			#FLIGHTS	AVG AIR DELAY					
AA	809 R-707-300C	567	0:06			391	0:05			958	-0:00	0:46 (7204)
	TOTAL	567	0:06			391	0:05			958	-0:00	
BN	848 DC-8-50	2	0:04							2		0:46 (7204)
	854 DC-8-62	146	0:07			151	0:07			297	-0:00	0:46 (7204)
	TOTAL	148	0:07			151	0:07			299	-0:00	
DL	555 L-100-20	162	-0:06							162		1:16 (7209)
	848 DC-8-50	245	0:01			11	0:08			236	0:06	0:46 (7204)
	851 DC-8-61					366	0:01			366		0:46 (7204)
	TOTAL	387	-0:02			397	0:01			784	0:03	
NW	816 R-747	314	0:08			88	0:07			402	-0:02	0:46 (7204)
	TOTAL	314	0:08			88	0:07			402	-0:02	
PA	808 R-707-300H	171	0:08			129	0:06			300	-0:02	0:46 (7204)
	809 H-707-300C	247	0:07			189	0:07			435	0:01	0:46 (7204)
	816 H-747	1017	0:07			553	0:06			1570	-0:01	0:46 (7204)
	TOTAL	1435	0:07			871	0:06			2305	-0:01	
RM	630 DC-9-10	271	0:09			255	0:06			526	-0:03	0:46 (7204)
	640 DC-9-30	580	0:07			423	0:07			1003	-0:00	0:46 (7204)
	TOTAL	851	0:08			678	0:07			1529	-0:01	
TM	710 R-727-100	513	0:05			69	0:04			382	-0:00	0:46 (7204)
	711 R-727-100C/QC	95	0:05			16	0:03			111	-0:01	0:46 (7204)
	715 R-727-200	70	0:07			206	0:06			276	-0:01	0:46 (7204)
	760 L-1011	109	0:02			177	0:04			286	0:02	0:46 (7204)
	802 R-707-100H	1048	0:05			680	0:05			1728	-0:00	0:46 (7204)
	806 R-707-300	167	0:07			35	0:05			202	-0:02	0:46 (7204)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-22 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LAX ==> SFO (CONTINUED)									
STAGE LENGTH = 338 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY	(DATE)
TM (CONT)	808 H-707-300H	379	0106	445	0105	824	-0101		0146 (7204)
	809 R-707-300C	635	0105	510	0106	1145	0101		0146 (7204)
	816 R-747	188	0104	186	0106	374	0102		0146 (7204)
	825 CV-880	4	0104			4			0146 (7204)
	TOTAL	3008	0105	2324	0105	5332	0100		
UA	620 R-737-200	815	0105	694	0108	1509	0102		0146 (7204)
	710 R-727-100	2071	0104	1636	0105	3707	0101		0146 (7204)
	711 R-727-100C/QC	1027	0105	482	0106	1509	0101		0146 (7204)
	715 R-727-200	287	0105	134	0105	421	0100		0146 (7204)
	730 DC-10-10	50	0106	5	0106	55	-0101		0146 (7204)
	816 R-747	25	0104	3	0108	28	0104		0146 (7204)
	842 DC-8-20	474	0105	187	0106	661	0101		0146 (7204)
	844 DC-8-30	115	0106	15	0108	130	0102		0146 (7204)
	848 DC-8-50	265	0104	53	0104	318	-0100		0146 (7204)
	850 DC-8-50F	294	0106	164	0106	458	0101		0146 (7204)
	851 DC-8-61	340	0104	122	0106	462	0102		0146 (7204)
	854 DC-8-62	165	0105	88	0105	253	0101		0146 (7204)
	TOTAL	5928	0105	3583	0106	9511	0101		
WA	620 R-737-200	1515	0106	807	0106	2322	-0100		0146 (7204)
	715 H-727-200	135	0105	542	0104	677	-0101		0146 (7204)
	730 DC-10-10	15	0102	39	0103	54	0102		0146 (7204)
	809 R-707-300C	1855	0104	192	0104	2047	-0100		0146 (7204)
	814 H-720-000H	3520	0105	1581	0105	5101	-0100		
ROUTE SUMMARY		16157	0105	10064	0106	26221	0100		

---ALL TIMES ARE IN HOURS AND MINUTES---

TABLE I-4-23

AIRLINE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> RNS
STAGE LENGTH = 185 ST. MILFS

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	
AA	710 B-727-100	1547	0:07	862	0:07	2409	0:00		0:26 (7212)
	715 B-727-200	1024	0:07	841	0:06	1865	-0:01		0:26 (7212)
	730 DC-10-10			109	0:10	109			0:26 (7212)
	809 B-707-300C	1	-0:00			1			0:26 (7212)
	TOTAL	2572	0:07	1812	0:07	4384	-0:00		
DL	640 DC-9-30	173	0:07	211	0:02	384	-0:05		0:26 (7212)
	710 B-727-100	255	0:07			255			0:26 (7212)
	715 B-727-200	126	0:01			126			0:26 (7212)
	730 DC-10-10	77	0:13			77			0:26 (7212)
	TOTAL	631	0:06	211	0:02	842	-0:04		
EA	550 L-188A-0R/188C	1973	0:05	2766	0:05	4739	-0:00		0:35 (7201)
	640 DC-9-30	5382	0:07	5720	0:07	11102	0:01		0:26 (7212)
	710 B-727-100	591	0:08	88	0:07	679	-0:01		0:26 (7212)
	711 B-727-100C/QC	69	0:07	26	0:06	95	-0:01		0:26 (7212)
	715 B-727-200	130	0:08	163	0:09	293	0:01		0:26 (7212)
	760 L-1011	3	0:07			3			0:26 (7212)
TOTAL		8148	0:06	8763	0:07	16911	0:00		
ROUTE SUMMARY		11351	0:07	10786	0:07	22137	-0:00		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-24

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT LGA ==> DCA STAGE LENGTH = 214 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
AA	710 R-727-100	830	0:114	949	0:113	1779	-0:02	-0:02	0129 (7208)
	715 R-727-200	1229	0:115	896	0:113	2125	-0:02	-0:02	0129 (7208)
	TOTAL	2059	0:115	1845	0:113	3904	-0:02	-0:02	
DL	640 DC-9-30	151	0:119			151			0129 (7208)
	TOTAL	151	0:119			151			
EA	550 L-188A-0R/1RRC	1946	0:113	2745	0:113	4691	-0:01	-0:01	0140 (7204)
	630 DC-9-10	6	0:117	1	0:111	7	-0:05	-0:05	0129 (7208)
	640 DC-9-30	5136	0:115	5601	0:115	10737	0:00	0:00	0129 (7208)
	710 R-727-100	568	0:115	234	0:115	802	-0:00	-0:00	0129 (7208)
	711 R-727-100C/QC	26	0:113	61	0:116	87	0:03	0:03	0129 (7208)
	715 R-727-200	164	0:120	139	0:116	303	-0:04	-0:04	0129 (7208)
	TOTAL	7846	0:114	8781	0:114	16627	-0:00	-0:00	
ROUTE SUMMARY		10056	0:115	10626	0:114	20682	-0:01	-0:01	

----ALL TIMES ARE IN HOURS AND MINUTES----

TABLE I-4-25

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> DTW STAGE LENGTH = 501 ST. MILES						
AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS
AA	710 B-727-100	2602	0103	2417	0105	5079
	715 B-727-200	910	0104	1046	0105	1956
	730 DC-10-10			1	-0102	1
	TOTAL	3572	0103	3464	0105	7036
NW	710 B-727-100	239	0107			239
	715 B-727-200	11	0107			11
	TOTAL	250	0107			250
UA	620 B-737-200	950	0109			950
	710 B-727-100	331	0103			331
	711 B-727-100C/QC	147	0106			147
	715 B-727-200	132	0105			132
	TOTAL	1560	0107			1560
ROUTE SUMMARY		5382	0105	3464	0105	8846
						0100
						1114 (7208)
						1114 (7208)
						1114 (7208)
						1114 (7208)
						1114 (7208)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-26

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT LGA ==> ORD
STAGE LENGTH = 733 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY			
AA	710 B-727-100	2000	0121	1413	0126	3413	0104	1131 (7210)
	715 B-727-200	1412	0122	2395	0127	3807	0104	1131 (7210)
	730 DC-10-10	747	0121	324	0135	1071	0114	1131 (7210)
	TOTAL	4159	0122	4132	0127	8291	0105	
TW	710 B-727-100	1715	0123	991	0131	2706	0104	1131 (7210)
	711 B-727-100C/DC	461	0123	293	0129	754	0107	1131 (7210)
	715 B-727-200	1967	0118	1360	0128	3327	0110	1131 (7210)
	TOTAL	4143	0120	2644	0129	6787	0109	
UA	620 B-737-200	19	0126	44	0131	63	0105	1131 (7210)
	710 B-727-100	1349	0126	573	0133	1922	0107	1131 (7210)
	711 B-727-100C/DC	867	0125	63	0132	930	0107	1131 (7210)
	715 B-727-200	430	0125	502	0130	932	0105	1131 (7210)
	TOTAL	2685	0125	1182	0132	3867	0106	
ROUTE SUMMARY		10987	0122	7958	0128	18945	0106	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-27

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT MIA ==> ATL
STAGE LENGTH = 595 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
DL	630 DC-9-10	1	0103			1		1116 (7210)
	640 DC-9-30	357	0116	236	0119	595	0104	1116 (7210)
	710 B-727-100	2	0102			2		1116 (7210)
	715 B-727-200	62	0106	97	0110	159	0105	1116 (7210)
	730 DC-10-10	235	0107	526	0112	761	0105	1116 (7210)
	760 L-1011	1	0119	14	0109	15	-0110	1116 (7210)
	816 B-747	363	0110	372	0114	735	0104	1116 (7210)
	825 CV-880	210	0102			210		1116 (7210)
	844 DC-8-30	248	0118			248		1116 (7210)
	848 DC-8-50	153	0110	322	0111	475	0101	1116 (7210)
	851 DC-8-61	416	0110	31	0113	447	0103	1116 (7210)
	TOTAL	2048	0111	1600	0113	3648	0103	
EA	630 DC-9-10	4	0112	1	0114	5	0102	1116 (7210)
	640 DC-9-30	500	0115	516	0112	1016	-0104	1116 (7210)
	710 B-727-100	449	0111	154	0108	603	-0103	1116 (7210)
	711 B-727-100C/DC	302	0107	64	0108	366	0100	1116 (7210)
	715 B-727-200	349	0107	445	0113	794	0107	1116 (7210)
	760 L-1011	77	0108	79	0112	156	0104	1116 (7210)
	842 DC-8-20	15	0108			15		1116 (7210)
	851 DC-8-61	25	0110			25		1116 (7210)
	856 DC-8-63	7	0107			7		1116 (7210)
	TOTAL	1728	0110	1259	0112	2987	0101	
NW	710 B-727-100	132	0106	263	0106	395	0100	1116 (7210)
	715 B-727-200	16	0106	7	0108	23	0101	1116 (7210)
	733 DC-10-40	1	0101	46	0106	47	0105	1116 (7210)
	808 B-707-300B	1	0107	1	0102	2		1116 (7210)
	809 B-707-300C	1	0107			1		1116 (7210)
	TOTAL	150	0106	317	0106	467	0100	
UA	620 B-737-200	245	0112	1	0109	246	-0103	1116 (7210)
	710 B-727-100	137	0107	467	0109	604	0102	1116 (7210)
	711 B-727-100C/DC	73	0115	8	0107	81	-0108	1116 (7210)
	715 B-727-200	215	0109	5	0106	220	-0103	1116 (7210)
	TOTAL	650	0110	481	0108	1131		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-27 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974						
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE						
SEGMENT MIA ==> ATL (CONTINUED)						
STAGE LENGTH = 595 ST. MILES						
AIRLINE	AIRCRAFT	-----1973-----	-----1974-----	TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	#FLIGHTS	#FLIGHTS	AVG AIR	(DATE)
		AVG AIR	AVG AIR		DELAY	
		DELAY	DELAY			
TOTAL		670	481	1151	-0101	
		0110	0109			
ROUTE SUMMARY		4596	3657	8253	0101	
		0110	0112			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-28

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT MIA ==> JFK
STAGE LENGTH = 1090 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
BN	711 B-727-100C/QC			1	0:20	1		2108 (7202)
	715 B-727-200			1	0:10	1		2108 (7202)
	802 B-707-100R	5	0:08			5		2108 (7202)
	13 B-707-100R	13	0:17	24	0:19	37	0:02	2108 (7202)
	848 DC-8-50	379	0:17	400	0:16	779	-0:01	2108 (7202)
	854 DC-8-62							
	TOTAL	397	0:17	426	0:17	823	-0:00	
DL	640 DC-9-30	30	0:15	1	0:12	31	-0:03	2108 (7202)
	710 B-727-100			3	0:11	3		2108 (7202)
	715 B-727-200	137	0:08	416	0:10	553	0:03	2108 (7202)
	730 DC-10-10	368	0:13	105	0:16	473	0:03	2108 (7202)
	760 L-1011	1	0:12	3	0:13	4	0:01	2108 (7202)
	816 B-747	248	0:10			248		2108 (7202)
	844 DC-8-50	1	0:08			1		2108 (7202)
	848 DC-8-50	2	0:12	152	0:19	154	0:06	2108 (7202)
	851 DC-8-61	1	0:14	9	0:13	10	-0:01	2108 (7202)
	TOTAL	788	0:11	689	0:13	1477	0:02	
FA	610 DC-9-10	2	0:30	1	0:21	3	-0:08	2108 (7202)
	640 DC-9-30	32	0:21	1	0:12	33	-0:09	2108 (7202)
	710 B-727-100	218	0:12	175	0:11	393	-0:01	2108 (7202)
	711 B-727-100C/QC	822	0:07	371	0:07	1193	0:00	2108 (7202)
	715 B-727-200	104	0:09	45	0:11	149	0:02	2108 (7202)
	760 L-1011	597	0:10	488	0:10	1085	-0:00	2108 (7202)
	842 DC-8-20	22	0:10			22		2108 (7202)
	851 DC-8-61	40	0:07			40		2108 (7202)
	856 DC-8-63	18	0:09			18		2108 (7202)
	TOTAL	1805	0:09	1081	0:09	2886	0:00	
NA	710 B-727-100			12	0:12	35	0:05	2108 (7202)
	715 B-727-200	23	0:06	186	0:14	595	0:03	2108 (7202)
	730 DC-10-10	409	0:11	32	0:21	209	0:16	2108 (7202)
	732 DC-10-30	177	0:05	52	0:07	107	0:01	2108 (7202)
	816 B-747	55	0:06	150	0:16	473	0:01	2108 (7202)
	842 DC-8-20	323	0:15	4	0:19	5	-0:10	2108 (7202)
	848 DC-8-50	1	0:28			1		2108 (7202)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-28 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT MIA ==> JFK (CONTINUED)									
STAGE LENGTH = 1090 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
NA (CONT)	850 DC-8-50F	1	0121			1			2106 (7202)
	851 DC-8-61	4	0108	3	0118	7		0110	2106 (7202)
	TOTAL	1011	0111	439	0114	1450		0103	
PA	710 B-727-100	2	0103			2			2108 (7202)
	711 B-727-100C/OC	1	0152			1			2108 (7202)
	808 B-707-300R	170	0117			170			2108 (7202)
	809 B-707-300C	79	0117			79			2108 (7202)
	816 B-747	1	0120			1			2108 (7202)
	TOTAL	253	0117			253			
ROUTE SUMMARY		4254	0111	2635	0112	6889		0101	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

AD-A032 559

TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS
AIRLINE DELAY TRENDS, 1973-1974. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
JUL 76 H M CONDELL, S M HOROWITZ

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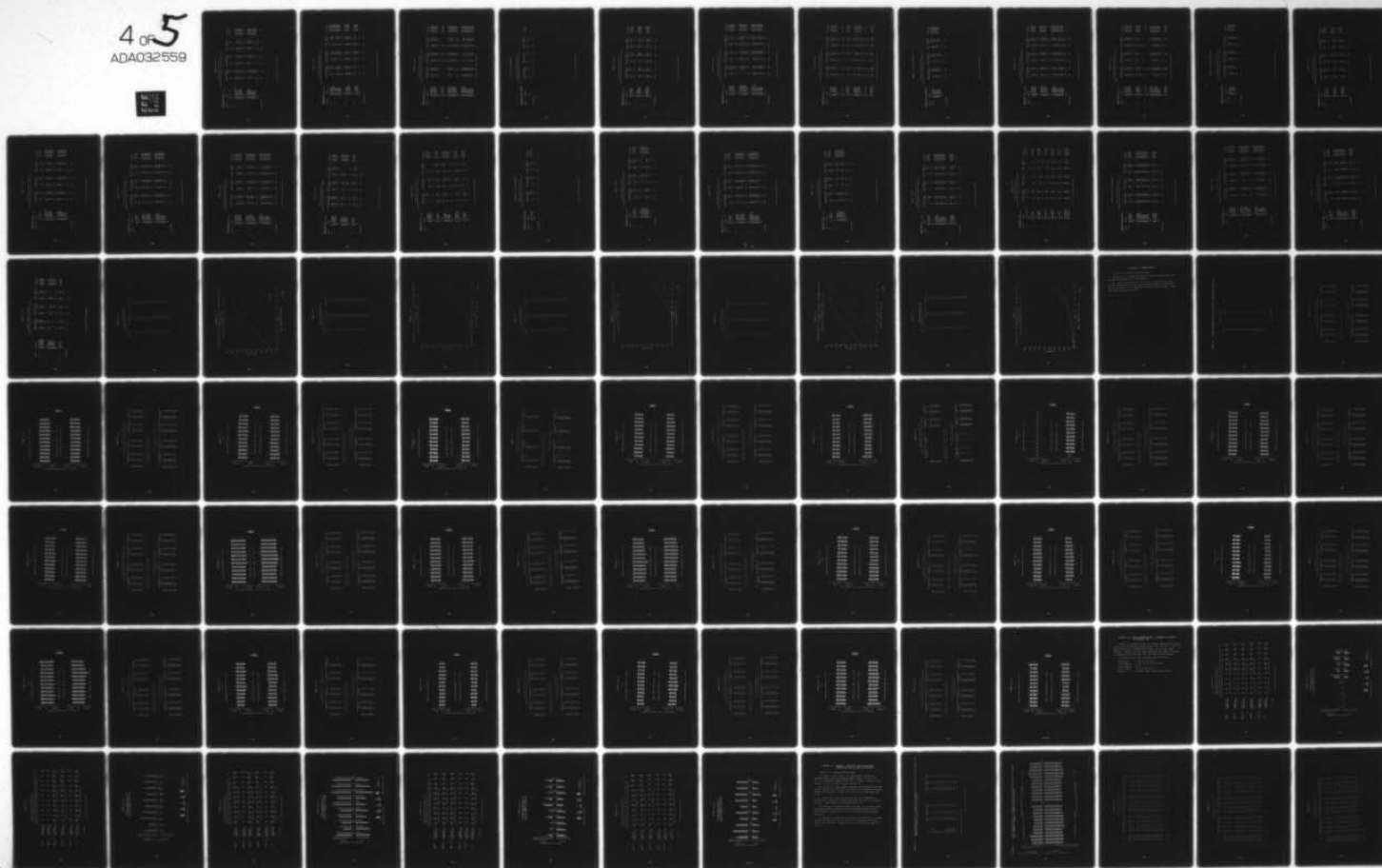


TABLE I-4-29

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT MSP ==> ORD STAGE LENGTH = 334 ST. MILES											
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN		MINIMAL TIME	
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY		(DATE)	
NC	640 DC-9-30	728	0114	606	0115	1334		0101		0143 (7204)	
	TOTAL	728	0114	606	0115	1334		0101			
NW	550 L-188A-08/1RHC	28	-0125			28				1120 (7209)	
	710 B-727-100	1488	0115	1008	0119	2496		0104		0143 (7204)	
	715 B-727-200	1858	0114	1352	0115	3210		0101		0143 (7204)	
	733 DC10-40	365	0113	818	0114	1183		0100		0143 (7204)	
	808 B-707-300R	71	0111	23	0113	94		0102		0143 (7204)	
	809 B-707-300C	783	0111	249	0110	1032		-0101		0143 (7204)	
	814 B-720-000R	64	0111			64				0143 (7204)	
	816 B-747	583	0117	214	0116	797		-0102		0143 (7204)	
	TOTAL	5240	0114	3714	0116	8954		0102			
UA	620 B-737-200	770	0114	487	0118	1257		0103		0143 (7204)	
	710 B-727-100	675	0113	323	0116	998		0103		0143 (7204)	
	711 B-727-100C/OC	235	0113	100	0112	335		-0101		0143 (7204)	
	715 B-727-200	424	0113	248	0118	672		0105		0143 (7204)	
	842 DC-8-20	1	0106	1	0139	2		0133		0143 (7204)	
	844 DC-8-30	2	0124			2				0143 (7204)	
	848 DC-8-50	1	0103	1	0115	2		0112		0143 (7204)	
	851 DC-8-61	2	0112			2				0143 (7204)	
	854 DC-8-62	1	1102	1	0116	2		-0146		0143 (7204)	
	TOTAL	2111	0113	1161	0117	3272		0103			
ROUTE SUMMARY		8079	0114	5481	0116	13560		0102			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-30

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> ATL
STAGE LENGTH = 606 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
DL	630 DC-9-10	130	0108	677	0120	130	0108	1107 (7209)
	640 DC-9-10	440	0114	5	0122	1117	0100	1107 (7209)
	710 H-727-100	1	0122	635	0116	6	-0102	1107 (7209)
	715 H-727-200	28	0118	5	0119	603		1107 (7209)
	730 DC-10-10			288	0119	3		1107 (7209)
	760 L-1011	214	0116	116	0114	288	-0102	1107 (7209)
	816 B-747	8	0109	1	0115	330	0105	1107 (7209)
	825 CV-880	338	0110	8	0118	9	0107	1107 (7209)
	844 DC-8-30	730	0116	45	0119	346	0103	1107 (7209)
	848 DC-8-50	435	0113	7	0123	775	0110	1107 (7209)
	851 DC-8-61					442		1107 (7209)
TOTAL		2324	0114	1785	0118	4109	0104	
EA	630 DC-9-10	62	0120	468	0120	530	0100	1107 (7209)
	640 DC-9-30	954	0119	1085	0120	2019	0102	1107 (7209)
	710 H-727-100	363	0118	129	0124	512	-0104	1107 (7209)
	711 B-727-100C/DC	855	0115	16	0116	871	0100	1107 (7209)
	715 H-727-200	205	0114	118	0116	323	0102	1107 (7209)
TOTAL		2459	0117	1796	0119	4255	0102	
NW	710 H-727-100	1192	0117	645	0115	1837	-0102	1107 (7209)
	715 H-727-200	33	0119	6	0123	39	0104	1107 (7209)
	735 DC10-40			102	0114	102		1107 (7209)
	809 H-707-300C			1	0121	1		1107 (7209)
TOTAL		1225	0117	754	0115	1979	-0102	
ROUTE SUMMARY		6008	0116	4335	0118	10343	0102	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-31

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> R03
STAGE LENGTH = 867 ST. MILFS

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 R-727-100	140	0109	287	0108	427	-0101	1136 (7206)
	715 R-727-200	281	0109	216	0108	497	-0102	1136 (7206)
	730 DC-10-10	115	0106	270	0108	385	0103	1136 (7206)
	802 R-707-100R	457	0107	500	0107	957	0100	1136 (7206)
	808 R-707-300R	14	0111	25	0106	39	-0106	1136 (7206)
	809 R-707-300C	49	0107	35	0106	84	-0101	1136 (7206)
	816 B-747	297	0106	90	0109	387	0102	1136 (7206)
	TOTAL	1353	0108	1423	0108	2776	0100	
PA	808 R-707-300R			97	0112	97		1136 (7206)
	809 B-707-300C			38	0112	38		1136 (7206)
	TOTAL			135	0112	135		
TW	710 R-727-100	313	0108	189	0109	502	0100	1136 (7206)
	711 R-727-100C/DC	88	0107	59	0108	147	0101	1136 (7206)
	715 R-727-200	37	0106	59	0111	96	0105	1136 (7206)
	760 L-1011	86	0107	37	0105	123	-0102	1136 (7206)
	802 R-707-100R	21	0106	326	0109	347	0103	1136 (7206)
	806 R-707-300	1	0106	12	0105	12		1136 (7206)
	808 R-707-300R			150	0109	151	0103	1136 (7206)
	809 R-707-300C			26	0114	26		1136 (7206)
	825 CV-880	789	0107	75	0107	864	-0100	1136 (7206)
	TOTAL	1355	0107	933	0109	2288	0101	
UA	620 R-737-200	2	0113			2		1136 (7206)
	710 R-727-100	289	0108	315	0107	604	-0101	1136 (7206)
	711 R-727-100C/DC	264	0107	170	0106	434	-0101	1136 (7206)
	715 R-727-200	391	0110	3	0112	394	0102	1136 (7206)
	730 DC-10-10	32	0108			32		1136 (7206)
	816 B-747	35	0107	1	0102	36	-0105	1136 (7206)
	842 DC-8-20	337	0108	59	0111	396	0103	1136 (7206)
	844 DC-8-30	164	0109	20	0110	184	0101	1136 (7206)
	848 DC-8-50	51	0106	19	0109	70	0103	1136 (7206)
	850 DC-8-50F	37	0106	162	0107	199	0102	1136 (7206)
	851 DC-8-61	47	0108	316	0110	363	0102	1136 (7206)
	854 DC-8-62	13	0109	6	0103	19	-0105	1136 (7206)
	TOTAL							

-----ALL TIMES ARE IN HOURS AND MINUTES-----

I-41-31 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> R09 (CONTINUED)
STAGE LENGTH = 867 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
	TOTAL	1662	0108	1071	0108	2733	-0100	
ROUTE SUMMARY		4350	0108	3562	0108	7912	0100	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-32

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD => DCA
STAGE LENGTH = 612 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY		
AA	710 A-727-100	2158	0:08	1501	0:07	3659	-0:02		1113 (7202)
	715 B-727-200	1632	0:09	1093	0:08	2725	-0:00		1113 (7202)
	730 DC-10-10			1	0:10	1			1113 (7202)
	TOTAL	3770	0:08	2595	0:07	6365	-0:01		
TW	630 DC-9-10								
	710 B-727-100	227	0:08	1	0:09	1			1113 (7202)
	711 B-727-100C/DC	83	0:08	41	0:09	268	0:01		1113 (7202)
	715 B-727-200	884	0:07	12	0:08	95	0:00		1113 (7202)
UA	TOTAL	1194	0:07	971	0:09	2165	0:01		1113 (7202)
	620 B-737-200	654	0:13	577	0:12	1231	-0:01		1113 (7202)
	710 B-727-100	496	0:07	285	0:06	781	-0:01		1113 (7202)
	711 B-727-100C/DC	54	0:06	18	0:04	72	-0:03		1113 (7202)
TOTAL	715 H-727-200	1202	0:08	786	0:09	1988	0:01		1113 (7202)
	TOTAL	2406	0:09	1666	0:09	4072	0:00		
ROUTE SUMMARY		7370	0:09	5232	0:08	12602	-0:00		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-33

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> DEN
STAGE LENGTH = 900 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
CO	635 DC-9-15F	9	0107			9		1157 (7206)
	715 A-727-200	605	-0101	1079	0105	1684	0105	1157 (7206)
	730 DC-10-10	1249	-0100	1017	0103	2266	0103	1157 (7206)
	809 A-707-300C	1	-0102			1		1157 (7206)
	814 A-720-000H	275	0100	25	0109	300	0109	1157 (7206)
	816 A-747	2	0103			2		1157 (7206)
	TOTAL	2191	-0100	2121	0104	4262	0104	
TW	710 A-727-100	10	0108	156	0107	166	-0100	1157 (7206)
	711 A-727-100C/DC	5	0110	44	0107	49	-0102	1157 (7206)
	715 A-727-200	5	-0100	367	0105	372	0106	1157 (7206)
	802 A-707-100H	44	0107	389	0106	433	-0101	1157 (7206)
	806 A-707-300	1	-0112	14	0104	15	0116	1157 (7206)
	808 A-707-300H	1	0104	50	0106	51	0102	1157 (7206)
	809 A-707-300C			5	-0101	5		1157 (7206)
	825 CV-880	1433	0101	169	0107	1602	0107	1157 (7206)
	TOTAL	1499	0101	1194	0106	2693	0105	
UA	620 A-737-200	5	0116	9	0119	14	0103	1157 (7206)
	710 A-727-100	448	0104	46	0108	494	0105	1157 (7206)
	711 A-727-100C/DC	335	0101	205	0104	540	0103	1157 (7206)
	715 A-727-200	244	0103	245	0106	489	0104	1157 (7206)
	730 DC-10-10	1260	0101	790	0105	2050	0104	1157 (7206)
	816 A-747			28	0104	28		1157 (7206)
	842 DC-8-20	109	0107	40	0107	149	0101	1157 (7206)
	844 DC-8-30	34	0107	4	0113	38	0106	1157 (7206)
	848 DC-8-50	14	0107	29	0106	43	-0101	1157 (7206)
	851 DC-8-61	102	0105	206	0108	308	0104	1157 (7206)
	854 DC-8-62	3	0106	1	0106	4	0101	1157 (7206)
	TOTAL	2554	0102	1603	0106	4157	0103	
ROUTE SUMMARY								
		6194	0101	4918	0105	11112	0104	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-34

AIRPORT DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> DTW
STAGE LENGTH = 235 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	194	0108	223	0108	417	0100	0131 (7201)
	715 B-727-200	443	0110	98	0107	541	-0103	0131 (7201)
	730 DC-8-10	536	0108	578	0107	1114	-0101	0131 (7201)
	802 B-707-100R	364	0108	563	0106	927	-0102	0131 (7201)
	808 B-707-300H	43	0107	125	0108	208	0101	0131 (7201)
	809 B-707-300C	240	0107	168	0108	408	0101	0131 (7201)
DL	816 B-747	379	0109	11	0104	390	-0104	0131 (7201)
	TOTAL	2239	0108	1766	0107	4005	-0101	
	640 DC-9-30	660	0104	366	0102	1026	-0102	0131 (7201)
EA	TOTAL	660	0104	366	0102	1026	-0102	
	710 B-727-100	47	0107	18	0107	65	0100	0131 (7201)
	711 B-727-100C/QC	21	0105	9	0106	30	0101	0131 (7201)
	715 B-727-200	18	0108	3	0108	21	0100	0131 (7201)
NW	TOTAL	86	0107	30	0107	116	0100	
	710 B-727-100	386	0109	445	0107	831	-0102	0131 (7201)
	715 B-727-200	368	0109	130	0107	498	-0102	0131 (7201)
	733 DC-8-40	67	0111	230	0109	297	-0105	0131 (7201)
	808 B-707-300H	740	0109	5	0106	745	-0102	0131 (7201)
	809 B-707-300C	15	0107	300	0107	315	-0102	0131 (7201)
	814 B-720-000H	222	0112	189	0109	411	-0103	0131 (7201)
	816 B-747	1798	0109	1299	0108	3097	-0102	0131 (7201)
	TOTAL	313	0110	60	0109	373	-0101	0131 (7201)
	809 B-707-300C	313	0110	60	0109	373	-0101	0131 (7201)
UA	TOTAL	231	0109	287	0108	518	-0100	0131 (7201)
	620 B-737-200	399	0106	47	0107	446	0101	0131 (7201)
	710 B-727-100	138	0106	35	0104	173	-0102	0131 (7201)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-34 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORD ==> DTW (CONTINUED)									
STAGE LENGTH = 235 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		CHANGE IN		NUMINAL TIME	
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)	(DATE)
UA (CONT)	715 H-727-200	10	0106	2	0107	12	0100	0131 (7201)	0131 (7201)
	710 DC-10-10	2	0109	172	0108	174	-0100	0131 (7201)	0131 (7201)
	816 B-747	151	0109	88	0107	239	-0102	0131 (7201)	0131 (7201)
	842 DC-8-20	63	0108	66	0108	129	0101	0131 (7201)	0131 (7201)
	844 DC-8-30	16	0107	18	0106	16	-0103	0131 (7201)	0131 (7201)
	848 DC-8-50	24	0109	79	0106	42	-0102	0131 (7201)	0131 (7201)
	851 DC-8-61	159	0108	3	0108	238	-0105	0131 (7201)	0131 (7201)
	854 DC-8-62	3	0103	3	0108	6	0105	0131 (7201)	0131 (7201)
	TOTAL	1196	0107	797	0108	1993	0100		
ROUTE SUMMARY		6292	0108	4318	0107	10610	-0101		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-35

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> EWR
STAGE LENGTH = 719 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 B-727-100	151	0111	181	0105	332	-0106	1124 (7211)
	715 B-727-200	136	0111	174	0107	310	-0104	1124 (7211)
	802 B-707-100H	442	0107	136	0108	578	0101	1124 (7211)
	808 B-707-300H	63	0108	168	0107	231	-0101	1124 (7211)
	809 B-707-300C	198	0107	440	0108	638	0101	1124 (7211)
	TOTAL	990	0108	1099	0107	2089	-0101	
TW	710 B-727-100	234	0108	114	0109	348	0101	1124 (7211)
	711 B-727-100C/DC	79	0108	33	0110	112	0102	1124 (7211)
	715 B-727-200	388	0107	117	0106	505	-0101	1124 (7211)
	802 B-707-100H	184	0107	241	0109	425	0101	1124 (7211)
	806 B-707-300	4	0104	15	0108	19	0104	1124 (7211)
	808 B-707-300H	1	0104	5	0110	6	0105	1124 (7211)
	825 CV-880	370	0106	159	0102	529	-0104	1124 (7211)
	TOTAL	1260	0107	684	0107	1944	-0100	
UA	620 B-737-200	8	0114	3	0117	11	0103	1124 (7211)
	710 B-727-100	28	0107	63	0104	91	-0103	1124 (7211)
	711 B-727-100C/DC	254	0105	7	0105	261	-0100	1124 (7211)
	715 B-727-200	34	0110	1	0106	35	-0103	1124 (7211)
	730 DC-10-10	483	0106	366	0106	849	-0100	1124 (7211)
	816 B-747			155	0105	155		1124 (7211)
	842 DC-8-20	216	0106	161	0104	377	-0103	1124 (7211)
	844 DC-8-30	74	0107	15	0102	89	-0105	1124 (7211)
	848 DC-8-50	106	0108	22	0106	128	-0102	1124 (7211)
	850 DC-8-50F	35	0107			35		1124 (7211)
	851 DC-8-61	813	0108	244	0108	1057	-0100	1124 (7211)
	854 DC-8-62	92	0106	115	0106	207	-0100	1124 (7211)
	TOTAL	2143	0107	1152	0106	3295	-0101	
ROUTE SUMMARY		4393	0107	2935	0107	7328	-0101	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-36

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> LAX
STAGE LENGTH = 1744 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS AVG AIR DELAY	-----1974----- #FLIGHTS AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 R-727-100	259	75	334	-0101	3135 (7212)
	715 R-727-200	12	7	19	0108	3135 (7212)
	730 DC-10-10	717	902	1619	0104	3135 (7212)
	R02 R-707-100H	514	414	928	0103	3135 (7212)
	R08 R-707-300H	39	23	62	0101	3135 (7212)
	R09 R-707-300C	688	500	1188	0104	3135 (7212)
	816 R-747	185	1	186	0107	3135 (7212)
	TOTAL	2414	1922	4336	0104	
CO	715 R-727-200	121	282	403	0104	3135 (7212)
	730 DC-10-10	996	1024	2020	0106	3135 (7212)
	R09 R-707-300C	7		7		3135 (7212)
	814 R-720-000H	65	1	66	-0101	3135 (7212)
	816 R-747	358		358		3135 (7212)
	TOTAL	1547	1307	2854	0106	
PA	R09 R-707-300C	17		17		3135 (7212)
	TOTAL	17		17		
TH	710 R-727-100	1	2	3	0105	3135 (7212)
	711 R-727-100C/QC		2	2		3135 (7212)
	715 R-727-200	4	4	8	-0114	3135 (7212)
	760 L-1011	663	351	1014	0103	3135 (7212)
	R02 R-707-100H	742	839	1581	0111	3135 (7212)
	R06 R-707-300	9	29	38	0105	3135 (7212)
	R08 R-707-300H	26	109	135	0115	3135 (7212)
	R09 R-707-300C	210	172	382	0109	3135 (7212)
	816 R-747	133	2	135	-0107	3135 (7212)
	R25 CV-880	7	1	8	0128	3135 (7212)
	TOTAL	1795	1511	3306	0111	
UA	710 R-727-100	1	2	3	0106	3135 (7212)
	711 R-727-100C/QC	1		1		3135 (7212)
	730 DC-10-10	636	460	1096	0105	3135 (7212)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-36 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT ORIGIN -> LAX (CONTINUED)	AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		NOMINAL TIME
STAGE LENGTH = 1744 ST. MILES			#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	CHANGE IN DELAY	(DATE)
UA (CONT)									
		816 B-747	771	0103	353	0105	1124	0102	3135 (7212)
		842 DC-8-20	166	0114	183	0115	349	0101	3135 (7212)
		844 DC-8-30	31	0112	13	0120	44	0108	3135 (7212)
		848 DC-8-50	123	0111	82	0116	205	0104	3135 (7212)
		850 DC-8-50F	309	0108	205	0113	514	0106	3135 (7212)
		851 DC-8-61	125	0109	115	0112	240	0102	3135 (7212)
		854 DC-8-62	33	0110	18	0114	51	0104	3135 (7212)
		TOTAL	2196	0106	1431	0110	3627	0104	
ROUTE SUMMARY			7969	0104	6171	0110	14140	0106	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-37

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> LGA STAGE LENGTH = 733 ST. MILES											
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN		NOMINAL TIME	
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY		(DATE)	
AA	710 R-727-100	1658	0109	1327	0109	2985		-0101		1126 (7212)	
	715 R-727-200	1288	0110	2127	0109	3415		-0101		1126 (7212)	
	730 DC-10-10	727	0111	240	0110	971		-0101		1126 (7212)	
	802 R-707-100H	2	0110			2				1126 (7212)	
	TOTAL	3675	0110	3698	0109	7373		-0101			
TM	630 DC-9-10			1	0104	1		0101		1126 (7212)	
	710 R-727-100	1574	0109	936	0110	2510		0101		1126 (7212)	
	711 R-727-100C/DC	456	0109	268	0111	704				1126 (7212)	
	715 R-727-200	1610	0111	1221	0110	2831		-0100		1126 (7212)	
	TOTAL	3620	0110	2426	0110	6046		0100			
UA	620 R-737-200	20	0120	29	0109	49		-0110		1126 (7212)	
	710 R-727-100	1306	0112	717	0112	2023		0100		1126 (7212)	
	711 R-727-100C/DC	926	0111	54	0105	980		-0105		1126 (7212)	
	715 R-727-200	400	0111	481	0107	921		-0103		1126 (7212)	
	TOTAL	2692	0111	1281	0110	3973		-0101			
ROUTE SUMMARY		9987	0110	7405	0109	17392		-0101			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-38

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> MSP
STAGE LENGTH = 334 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
NC	430 CV-580	2	0:05			2		1111 (7208)
	640 DC-9-30	728	0:04	550	0:05	1278	0:01	0151 (7208)
	TOTAL	730	0:04	550	0:05	1280	0:01	
NW	550 L-188A-0A/18RC	46	-0:15			46		1111 (7208)
	710 R-727-100	1017	0:04	1009	0:05	2026	0:00	0151 (7208)
	715 R-727-200	1800	0:05	1221	0:05	3021	0:00	0151 (7208)
	733 DC10-40	611	0:03	1158	0:04	1769	0:01	0151 (7208)
	808 R-707-300H	76	0:04	21	0:04	97	0:00	0151 (7208)
	809 R-707-300C	740	0:04	259	0:05	999	0:01	0151 (7208)
	814 R-720-000H	85	0:03			85		0151 (7208)
	816 R-747	510	0:06	279	0:06	789	-0:00	0151 (7208)
	TOTAL	4865	0:04	3947	0:05	8812	0:00	
UA	620 R-737-200	666	0:06	485	0:07	1171	0:01	0151 (7208)
	710 R-727-100	723	0:03	309	0:04	1032	0:01	0151 (7208)
	711 R-727-100C/DC	404	0:03	252	0:04	656	0:00	0151 (7208)
	715 R-727-200	500	0:04	285	0:04	785	0:01	0151 (7208)
	842 DC-8-20	1	0:03	4	0:03	5	-0:00	0151 (7208)
	844 DC-8-30	3	0:04			3		0151 (7208)
	848 DC-8-50	1	0:04	1	0:53	2	0:49	0151 (7208)
	851 DC-8-61	2	0:08	1	0:01	3	-0:06	0151 (7208)
	854 DC-8-62			1	-0:02	1		0151 (7208)
	TOTAL	2320	0:04	1338	0:05	3658	0:01	
ROUTE SUMMARY		7935	0:04	5835	0:05	13770	0:01	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-39

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> PIT
STAGE LENGTH = 413 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AL	430 CV-580	2	-0109	16	-0110	18	-0101	1131 (7211)
	605 R-1-11-200	2	0106	16	0114	18	0108	0154 (7202)
	640 DC-9-30	2620	0104	3657	0106	6277	0101	0154 (7202)
	TOTAL	2624	0104	3689	0105	6313	0101	
TM	710 R-727-100	34	0103	129	0107	163	0105	0154 (7202)
	711 R-727-100C/OC	7	0103	32	0108	39	0105	0154 (7202)
	715 R-727-200	80	0104	150	0104	230	0100	0154 (7202)
	760 L-1011			265	0106	265		0154 (7202)
	802 R-707-100H	336	0106	510	0105	846	-0101	0154 (7202)
	808 R-707-300	1	0100	31	0107	32	0107	0154 (7202)
	808 R-707-300R	6	0106	66	0108	72	0102	0154 (7202)
	809 R-707-300C			7	0108	7		0154 (7202)
	825 CV-680	1289	0103	78	0101	1367	-0101	0154 (7202)
	TOTAL	1753	0103	1268	0105	3021	0102	
UA	620 R-737-200	3	0108	64	0102	67	-0105	0154 (7202)
	710 R-727-100	621	0103	73	0102	694	-0101	0154 (7202)
	711 R-727-100C/OC	343	0102	84	0101	427	-0101	0154 (7202)
	715 R-727-200	229	0104	240	0106	469	0102	0154 (7202)
	730 DC-10-10	333	0105	137	0103	470	-0102	0154 (7202)
	816 R-747	54	0104	220	0104	274	0101	0154 (7202)
	842 DC-8-20	44	0105	20	0107	64	0101	0154 (7202)
	844 DC-8-30	16	0106			16		0154 (7202)
	846 DC-8-50	5	0110	18	0107	23	-0103	0154 (7202)
	851 DC-8-61	87	0104	124	0107	211	0103	0154 (7202)
	TOTAL	1735	0104	980	0104	2715	0101	
ROUTE SUMMARY		6112	0104	5937	0105	12049	0101	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-40

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD >>> SFN
STAGE LENGTH = 1846 ST. MILES

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN		NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY		
AA	710 R-727-100	2	0:20			2				3:53 (7208)
	715 R-727-200			1	-0:00	1				3:53 (7208)
	730 DC-10-10	107	-0:11	357	0:01	464		0:11		3:53 (7208)
	802 R-707-100R	845	0:04	540	0:09	1385		0:05		3:53 (7208)
	808 R-707-300H	42	0:02	126	0:03	168		0:01		3:53 (7208)
	809 R-707-300C	235	0:02	267	0:04	502		0:02		3:53 (7208)
	816 R-747	355	-0:06	86	-0:09	441		-0:03		3:53 (7208)
TOTAL		1586	0:00	1377	0:04	2963		0:04		
TW	710 R-727-100	1	-0:16			1				3:53 (7208)
	715 R-727-200	1	0:08	2	0:11	3		0:03		3:53 (7208)
	760 L-1011	265	-0:12	387	-0:07	652		0:04		3:53 (7208)
	802 R-707-100H	862	0:01	508	0:10	1410		0:09		3:53 (7208)
	806 R-707-300	13	-0:07	6	0:09	19		0:16		3:53 (7208)
	808 R-707-300H	15	-0:03	8	0:10	23		0:12		3:53 (7208)
	809 R-707-300C	167	-0:02	1	0:05	168		0:07		3:53 (7208)
	816 R-747	124	-0:05	2	-0:01	126		0:04		3:53 (7208)
	825 CV-440			2	0:07	2				3:53 (7208)
	TOTAL	1448	-0:02	956	0:03	2404		0:05		
UA	710 R-727-100									3:53 (7208)
	711 R-727-100C/DC	240	-0:00	3	0:14	3				3:53 (7208)
	715 R-727-200	1	-0:09	162	0:05	163		0:05		3:53 (7208)
	730 DC-10-10	257	-0:05	118	-0:01	375		0:05		3:53 (7208)
	816 R-747	261	-0:02	202	-0:01	463		0:02		3:53 (7208)
	842 DC-8-20	81	0:06	135	0:06	216		0:00		3:53 (7208)
	844 DC-8-30	23	0:05	1	0:18	24		0:13		3:53 (7208)
	848 DC-8-50	80	0:04	68	0:05	148		0:02		3:53 (7208)
	850 DC-8-50F	493	0:05	455	0:08	948		0:03		3:53 (7208)
	851 DC-8-61	847	0:06	460	0:10	1307		0:04		3:53 (7208)
TOTAL		12	0:05	7	0:06	19		0:01		3:53 (7208)
		2295	0:03	1611	0:06	3906		0:03		
ROUTE SUMMARY		5329	0:01	3944	0:05	9273		0:04		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-41

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT ORD ==> STL
STAGE LENGTH = 254 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 A-727-100	606	0106	248	0106	854	-0100	0138 (7205)
	715 B-727-200	385	0108	119	0106	504	-0102	0138 (7205)
	802 A-707-100B	425	0107	652	0106	1077	-0101	0138 (7205)
	808 A-707-100B	49	0107	58	0106	107	-0101	0138 (7205)
	809 A-707-300C	120	0106	57	0108	177	0101	0138 (7205)
	TOTAL	1585	0107	1114	0106	2699	-0101	
DL	630 DC-9-10	168	-0101	2612	0104	168	0104	0138 (7205)
	640 DC-9-30	2882	-0100	114	0104	5494		0138 (7205)
	710 A-727-100			292	0101	114		0138 (7205)
	715 A-727-200	355	0100	2	0108	292		0138 (7205)
	825 CV-880			2	0104	355		0138 (7205)
	TOTAL	3405	-0100	3022	0103	6427	0103	0138 (7205)
OZ	454 FH-227	727	0106	2	0106	2		1105 (7212)
	630 DC-9-10	942	0107	921	0106	1863	-0101	0138 (7205)
	640 DC-9-30	1669	0107	1120	0106	2789	-0101	0138 (7205)
	TOTAL	6659	0103	5256	0105	11915	0101	
ROUTE SUMMARY								

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-42

ALPHABETIC DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PHL >> BOS STAGE LENGTH = 280 ST. MILES		-----1973-----				-----1974-----				CHANGE IN AVG AIR DELAY	TOTAL #FLIGHTS	NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY			#FLIGHTS	AVG AIR DELAY					
AA	710 A-727-100	2	0107								2	0136 (7210)
	715 A-727-200	1	0109								1	0136 (7210)
	802 A-707-100H					134	0113				134	0136 (7210)
	808 A-707-300H					3	0112				3	0136 (7210)
	809 A-707-300C					12	0114				12	0136 (7210)
TOTAL		3	0108			149	0113			0105	152	
AL	430 CV-580	4	-0131			13	-0128			0104	17	1138 (7211)
	605 A-111-200	159	0114			1703	0116			0102	1872	0136 (7210)
	640 DC-9-30	4327	0113			2179	0114			0100	6506	0136 (7210)
		4500	0113			3895	0114			0101	8395	
	TOTAL											
DL	640 DC-9-30	1586	0114			1255	0116			0102	2841	0136 (7210)
	710 A-727-100	1	0118			57	0113			-0105	58	0136 (7210)
	715 A-727-200	3	0109			698	0116			0107	701	0136 (7210)
	760 L-1011					1	0122				1	0136 (7210)
	825 CV-880	305	0110								305	0136 (7210)
	848 DC-8-50					1	0107				1	0136 (7210)
	851 DC-8-61					145	0113				145	0136 (7210)
TOTAL		1895	0113			2157	0116			0102	4052	
EA	640 DC-9-30											0136 (7210)
	710 A-727-100	76	0110			152	0110			0102	152	0136 (7210)
	711 A-727-100C/DC					179	0112				255	0136 (7210)
	715 A-727-200	97	0109			64	0113			-0101	175	0136 (7210)
	TOTAL	173	0109			473	0111			0102	646	
NA	710 A-727-100	2	0115			90	0110			-0103	92	0136 (7210)
	715 A-727-200	26	0109			17	0109			0100	43	0136 (7210)
	842 DC-8-20	1	0107								1	0136 (7210)
		29	0109			107	0110			0101	136	
	TOTAL											

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-42 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT PHL RND RDS (CONTINUED)									
STAGE LENGTH = 280 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	AVG AIR DELAY	(DATE)
PA	808 H-707-300H	89	0:14	101	0:17	190	0:13		0:36 (7210)
	809 B-707-300C	61	0:15	43	0:16	104	0:10		0:36 (7210)
	TOTAL	150	0:15	144	0:17	294	0:12		
ROUTE SUMMARY		6750	0:13	6925	0:15	13675	0:10		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-43

AIRLINE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PHL #22 PIT
STAGE LENGTH = 268 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AL	430 CV-580	6	0:02	40	-0:01	46	-0:03	1:05 (7208)
	605 H-1-11-200	167	0:06	1802	0:08	1969	0:02	0:43 (7205)
	640 DC-9-30	4347	0:02	2485	0:04	6832	0:02	0:43 (7205)
	TOTAL	4520	0:02	4327	0:06	8847	0:03	
TW	630 DC-9-10	1487	0:02	955	0:05	2442	0:03	0:43 (7205)
	710 B-727-100	4	0:01	1	0:09	5	0:08	0:43 (7205)
	711 B-727-100C/QC			1	-0:00	1		0:43 (7205)
	715 B-727-200			94	0:08	94		0:43 (7205)
	802 B-707-100R	150	0:03			150		0:43 (7205)
	806 B-707-100	45	0:01	19	0:09	64	0:09	0:43 (7205)
	808 B-707-100R	239	0:03	146	0:04	385	0:02	0:43 (7205)
	809 B-707-300C	26	0:03	6	0:02	32	-0:01	0:43 (7205)
	825 CV-440	84	0:06			84		0:43 (7205)
	TOTAL	2035	0:02	1222	0:05	3257	0:03	
ROUTE SUMMARY		6555	0:02	5549	0:06	12104	0:03	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-44

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> ORD STAGE LENGTH = 413 ST. MILES		-----1973-----				-----1974-----				TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY			#FLIGHTS	AVG AIR DELAY					
AL	430 CV-580	5	-0:02			15	0:06			20	0:07	1143 (7209)
	605 R-1-11-200	2	0:10			160	0:14			162	0:14	1104 (7208)
	640 DC-9-30	2899	0:07			3657	0:11			6556	0:104	1104 (7208)
	TOTAL	2906	0:07			3812	0:11			6718	0:104	
TW	710 R-727-100	162	0:07			128	0:16			290	0:09	1104 (7208)
	711 R-727-100C/OC	42	0:07			29	0:16			71	0:09	1104 (7208)
	715 R-727-200	90	0:06			195	0:09			285	0:103	1104 (7208)
	760 L-1011					261	0:05			261		1104 (7208)
	802 R-707-100R	358	0:03			565	0:16			923	0:113	1104 (7208)
	806 R-707-100	1	0:18			29	0:31			30	0:13	1104 (7208)
	808 R-707-300R					71	0:25			71	0:26	1104 (7208)
	809 R-707-300C	2	-0:01			8	0:38			8		1104 (7208)
	825 CV-880	1194	0:07			77	0:15			1271	0:08	1104 (7208)
	TOTAL	1849	0:06			1363	0:14			3212	0:08	
UA	620 R-737-200	359	0:13			189	0:25			548	0:12	1104 (7208)
	710 R-727-100	353	0:05			373	0:13			726	0:08	1104 (7208)
	711 R-727-100C/OC	337	0:02			27	0:13			364	0:11	1104 (7208)
	715 R-727-200	238	0:10			23	0:23			261	0:13	1104 (7208)
	730 DC-10-10	379	0:04			137	0:12			516	0:08	1104 (7208)
	816 R-747	103	0:08			281	0:07			384	-0:01	1104 (7208)
	842 DC-8-20	38	0:19			26	0:20			64	0:01	1104 (7208)
	844 DC-8-30	16	0:26			21	0:28			37	-0:12	1104 (7208)
	848 DC-8-50	3	0:48			129	0:29			137	0:15	1104 (7208)
	851 DC-8-61	8	0:14									1104 (7208)
	TOTAL	1834	0:07			1206	0:16			3040	0:09	
ROUTE SUMMARY		6589	0:07			6381	0:12			12970	0:106	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-45

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT PIT ==> PHL STAGE LENGTH = 268 ST. MILES											
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN		NOMINAL TIME	
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY		(DATE)	
AL	430 CV-580	8	-0102	27	0104	35		0106		1100 (7211)	
	605 B-1-11-200	162	0114	1786	0116	1948		0102		0133 (7210)	
	640 DC-9-30	4795	0112	2940	0113	7735		0100		0133 (7210)	
	TOTAL	4965	0112	4753	0114	9718		0102			
TM	630 DC-9-10	1514	0111	1061	0111	2575		0101		0133 (7210)	
	710 B-727-100	54	0111	2	0104	56		-0102		0133 (7210)	
	711 B-727-100C/QC	21	0110	2	0112	23		0102		0133 (7210)	
	715 B-727-200	1	0108			1				0133 (7210)	
	802 B-707-100R	150	0110	74	0111	150		-0101		0133 (7210)	
	806 B-707-300	177	0112	98	0115	251		0100		0133 (7210)	
	808 B-707-300R	119	0114	4	0113	217		0101		0133 (7210)	
	809 B-707-300C	16	0112			20				0133 (7210)	
	825 CV-880	1	0110			1				0133 (7210)	
	TOTAL	2053	0111	1241	0112	3294		0101			
ROUTE SUMMARY		7018	0112	5994	0113	13012		0101			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-46

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SEA ==> SFO STAGE LENGTH = 678 ST. MILES						
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	
PA	808 B-707-300B	4	0:06	1	0:12	1:23 (7203)
	809 B-707-300C	1	0:05			1:23 (7203)
	816 B-747	164	0:11	56	0:14	1:23 (7203)
	TOTAL	169	0:11	57	0:14	0:03
UA	620 B-737-200	20	0:14	3	0:17	1:23 (7203)
	710 B-727-100	822	0:12	623	0:11	1:23 (7203)
	711 B-727-100C/DC	479	0:12	196	0:11	1:23 (7203)
	715 B-727-200	301	0:13	222	0:11	1:23 (7203)
	816 B-747			1	0:19	1:23 (7203)
	842 DC-8-20	425	0:14	175	0:14	1:23 (7203)
	844 DC-8-30	193	0:14	11	0:08	1:23 (7203)
	848 DC-8-50	84	0:12	121	0:11	1:23 (7203)
	850 DC-8-50F	36	0:13	33	0:14	1:23 (7203)
	851 DC-8-61	113	0:14	146	0:13	1:23 (7203)
	854 DC-8-62	31	0:13	15	0:15	1:23 (7203)
	TOTAL	2504	0:13	1546	0:12	-0:01
WA	620 B-737-200	1088	0:15	585	0:15	1:23 (7203)
	715 B-727-200	148	0:08	420	0:09	1:23 (7203)
	809 B-707-300C	1	0:04	2	0:17	1:23 (7203)
	814 B-720-000B	1371	0:09	154	0:06	1:23 (7203)
	TOTAL	2608	0:11	1161	0:12	0:00
ROUTE SUMMARY		5281	0:12	2764	0:12	-0:00

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-47

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO => LAX STAGE LENGTH = 338 ST. MILES						
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		NOMINAL TIME (DATE)
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	
AA	R09 H-707-300C	66	0:05			0:46 (7212)
	TOTAL	66	0:05			
BN	848 DC-8-50	2	0:11			
	854 DC-8-62	153	0:08	150	0:09	0:46 (7212)
	TOTAL	155	0:08	150	0:09	0:46 (7212)
DL	555 L-100-20	166	-0:04			1:13 (7201)
	848 DC-8-50	228	0:02	410	0:05	0:46 (7212)
	851 DC-8-61			410	0:08	0:46 (7212)
	TOTAL	394	-0:02	818	0:08	
NW	808 H-707-300H	1	0:07			0:46 (7212)
	816 H-747	313	0:08	40	0:09	0:46 (7212)
	TOTAL	314	0:08	40	0:09	
PA	808 H-707-300H	132	0:07	137	0:09	0:46 (7212)
	809 H-707-300C	172	0:07	141	0:09	0:46 (7212)
	816 H-747	803	0:07	389	0:09	0:46 (7212)
	TOTAL	1107	0:07	667	0:09	
RW	630 DC-9-10	275	0:05	89	0:06	0:46 (7212)
	640 DC-9-30	476	0:06	451	0:09	0:46 (7212)
	TOTAL	751	0:06	540	0:09	
TM	710 H-727-100	132	0:06	208	0:06	0:46 (7212)
	711 H-727-100C/DC	34	0:05	68	0:06	0:46 (7212)
	715 H-727-200	151	0:05	55	0:05	0:46 (7212)
	760 L-1011	80	0:06	149	0:07	0:46 (7212)
	802 H-707-100H	1005	0:05	567	0:05	0:46 (7212)

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-47 (Continued)

AIRBORNE DELAYS DURING 1973 AND 1974									
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE									
SEGMENT SFO => LAX (CONTINUED)									
STAGE LENGTH = 338 ST. MILES									
AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL		CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS		AVG AIR DELAY	(DATE)
TM (CONT)	806 H-707-300	201	0105	31	0106	232	0101	0101	0146 (7212)
	808 H-707-300R	698	0105	351	0106	1049	0101	0101	0146 (7212)
	809 H-707-300C	311	0105	297	0104	608	-0101	-0101	0146 (7212)
	816 H-747	185	0107	181	0108	366	0100	0100	0146 (7212)
	TOTAL	2797	0105	1947	0106	4744	0101		
UA	620 B-737-200	1362	0106	914	0107	2276	0101	0101	0146 (7212)
	710 B-727-100	2009	0104	1685	0105	3694	0101	0101	0146 (7212)
	711 B-727-100C/QC	1270	0104	395	0103	1665	-0101	-0101	0146 (7212)
	715 B-727-200	183	0104	212	0107	395	0102	0102	0146 (7212)
	730 DC-10-10	14	0107	2	0104	16	-0104	-0104	0146 (7212)
	816 B-747	26	0108	2	0104	28	0103	0103	0146 (7212)
	842 DC-8-20	345	0105	90	0107	435	0100	0100	0146 (7212)
	844 DC-8-30	105	0104	2	0105	107	0101	0101	0146 (7212)
	848 DC-8-50	171	0104	62	0105	233	-0101	-0101	0146 (7212)
	850 DC-8-50F	96	0105	35	0104	131	0102	0102	0146 (7212)
	851 DC-8-61	355	0104	108	0107	463	0102	0102	0146 (7212)
	854 DC-8-62	121	0104	40	0106	161	0101	0101	0146 (7212)
	TOTAL	6097	0105	3547	0105	9644	0101		
WA	620 B-737-200	1746	0105	836	0106	2582	0100	0100	0146 (7212)
	715 B-727-200	461	0105	374	0104	835	-0100	-0100	0146 (7212)
	809 B-707-300C	6	-0100	6	0105	12	0102	0102	0146 (7212)
	814 B-720-000R	1471	0103	263	0105	1734	0101	0101	0146 (7212)
TOTAL		3684	0104	1473	0105	5157			
ROUTE SUMMARY		15365	0105	8832	0106	24197	0101		

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-48

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT 300 E2D ORD
STAGE LENGTH 1840 ST. MILES

AIRLINE	AIRCRAFT	-----1973----- #FLIGHTS	AVG AIR DELAY	-----1974----- #FLIGHTS	AVG AIR DELAY	TOTAL #FLIGHTS	CHANGE IN AVG AIR DELAY	NOMINAL TIME (DATE)
AA	710 H-727-100	3	0:11	2	0:21	5	0:10	3125 (7204)
	715 H-727-200	3	0:05	1	0:10	4	0:05	3125 (7204)
	730 DC-10-10	249	0:07	357	0:10	606	0:02	3125 (7204)
	A02 H-707-100R	873	0:12	487	0:17	1360	0:05	3125 (7204)
	808 H-707-300R	44	0:06	163	0:04	207	0:01	3125 (7204)
	809 H-707-300C	371	0:09	531	0:09	902	0:00	3125 (7204)
	816 B-747	155	0:03	93	0:05	248	0:02	3125 (7204)
	TOTAL	1698	0:09	1634	0:11	3332	0:02	
								3125 (7204)
								3125 (7204)
								3125 (7204)
TW	710 H-727-100	2	0:09	1	0:03	3	0:07	3125 (7204)
	711 H-727-100C/OC	1	0:00	60	0:07	61	0:07	3125 (7204)
	715 H-727-200	264	0:10	375	0:09	639	0:07	3125 (7204)
	760 L-1011	873	0:10	444	0:15	1317	0:05	3125 (7204)
	A02 H-707-100R	4	0:28	4	0:03	8	-0:24	3125 (7204)
	806 H-707-300	4	0:15	5	0:17	9	0:02	3125 (7204)
	808 H-707-300R	122	0:13	1	0:28	123	-0:18	3125 (7204)
	809 H-707-300C	5	0:04	2	0:05	7	0:08	3125 (7204)
	816 H-747							3125 (7204)
	825 CV-880	1275	0:09	894	0:12	2169	0:03	3125 (7204)
UA	710 H-727-100	9	0:08	5	0:10	14	0:02	3125 (7204)
	711 H-727-100C/OC	1	0:05	1	0:14	2		3125 (7204)
	715 H-727-200	263	0:10	121	0:15	384	0:10	3125 (7204)
	730 DC-10-10	259	0:12	193	0:14	452	0:02	3125 (7204)
	816 H-747	85	0:16	69	0:17	154	0:01	3125 (7204)
	802 DC-8-20	19	0:14	3	0:04	22	-0:10	3125 (7204)
	804 DC-8-30	70	0:14	44	0:17	114	0:03	3125 (7204)
	808 DC-8-50	351	0:10	380	0:09	731	-0:01	3125 (7204)
	850 DC-8-50F	762	0:14	534	0:15	1296	0:01	3125 (7204)
	851 DC-8-61	106	0:11	20	0:15	126	0:04	3125 (7204)
TOTAL		1925	0:12	1370	0:13	3295	0:02	
								3125 (7204)
ROUTE SUMMARY		4898	0:10	3898	0:12	8796	0:02	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-49

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

SEGMENT SFO ==> SEA STAGE LENGTH = 676 ST. MILES		-----1973-----				-----1974-----				CHANGE IN AVG AIR DELAY		NOMINAL TIME (DATE)	
AIRLINE	AIRCRAFT	#FLIGHTS	AVG AIR DELAY			#FLIGHTS	AVG AIR DELAY			TOTAL #FLIGHTS			
PA	80R B-707-300R	6	0108			2	0108			8		1124 (7206)	
	809 B-707-300C	1	0122			96	0103			263		1124 (7206)	
	816 B-747	167	0105							272		1124 (7206)	
	TOTAL	174	0105			98	0103						
UA	620 B-737-200	19	0111			3	0113			22		1124 (7206)	
	710 B-727-100	1190	0105			871	0107			2061		1124 (7206)	
	711 B-727-100C/QC	549	0106			369	0108			918		1124 (7206)	
	715 B-727-200	89	0105			13	0105			102		1124 (7206)	
	730 DC-10-10					1	0112			1		1124 (7206)	
	816 B-747	307	0107			1	0102			1		1124 (7206)	
	842 DC-8-20	84	0108			249	0106			556		1124 (7206)	
	844 DC-8-30	104	0106			7	0114			91		1124 (7206)	
	848 DC-8-50	193	0106			89	0109			193		1124 (7206)	
	851 DC-8-61	99	0106			192	0107			385		1124 (7206)	
	854 DC-8-62					17	0105			116		1124 (7206)	
	TOTAL	2634	0105			1812	0108			4446			
WA	620 B-737-200	1100	0108			621	0110			1721		1124 (7206)	
	715 B-727-200	252	0104			440	0103			692		1124 (7206)	
	809 B-707-300C	1307	0104			2	0103			2		1124 (7206)	
	814 B-720-000R	2659	0106			148	0107			1455		1124 (7206)	
TOTAL						1211	0107			3870			
ROUTE SUMMARY		5467	0105			3121	0107			8588			

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-4-50

AIRBORNE DELAYS DURING 1973 AND 1974
CATEGORIZED BY ROUTE SEGMENT, AIRLINE AND EQUIPMENT TYPE

AIRLINE	AIRCRAFT	-----1973-----		-----1974-----		TOTAL	CHANGE IN	NOMINAL TIME
		#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	#FLIGHTS	AVG AIR DELAY	(DATE)
AA	710 8-727-100	535	0112	225	0116	760	0104	0138 (7211)
	715 8-727-200	231	0110	191	0115	422	0105	0138 (7211)
	802 8-707-100H	414	0109	397	0114	811	0105	0138 (7211)
	808 8-707-300H	55	0110	38	0113	93	0103	0138 (7211)
	809 8-707-300C	115	0113	46	0112	161	-0101	0138 (7211)
	TOTAL	1350	0111	897	0114	2247	0104	
DL	630 DC-9-10	365	0111			365		0138 (7211)
	640 DC-9-30	2874	0111	2991	0116	5865	0104	0138 (7211)
	710 8-727-100			133	0115	133		0138 (7211)
	715 8-727-200			156	0119	156		0138 (7211)
	825 CV-880	351	0108	1	0109	351		0138 (7211)
	TOTAL	3590	0111	33	0122	3594	0105	0138 (7211)
OZ	630 DC-9-10	738	0112			738		0138 (7211)
	640 DC-9-30	834	0113	270	0115	1008	0104	0138 (7211)
	TOTAL	1572	0112	835	0115	2407	0102	0138 (7211)
ROUTE SUMMARY								
		6512	0111	5296	0115	11808	0104	

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE I-5-1

PERCENTILE DISTRIBUTIONS OF AIR
DELAYS FOR ROUTE SEGMENT ATL S-D OLM

NOMINAL AIRBORNE TIME = 1:55

PERCENTILE	1973 AIRBORNE DELAY	1974 AIRBORNE DELAY
5	0:00	0:00
10	0:00	0:00
15	0:00	0:01
20	0:00	0:02
25	0:00	0:03
30	0:00	0:04
35	0:00	0:04
40	0:00	0:05
45	0:00	0:06
50	0:00	0:07
55	0:00	0:08
60	0:00	0:08
65	0:00	0:09
70	0:00	0:10
75	0:00	0:11
80	0:00	0:13
85	0:00	0:14
90	0:00	0:16
95	0:00	0:18

FIGURE I-5-1
 CUMULATIVE % DISTRIBUTION OF AIRBORNE DELAYS
 1973 VS 1974
 FOR ROUTE SEGMENT ATL TO DFW

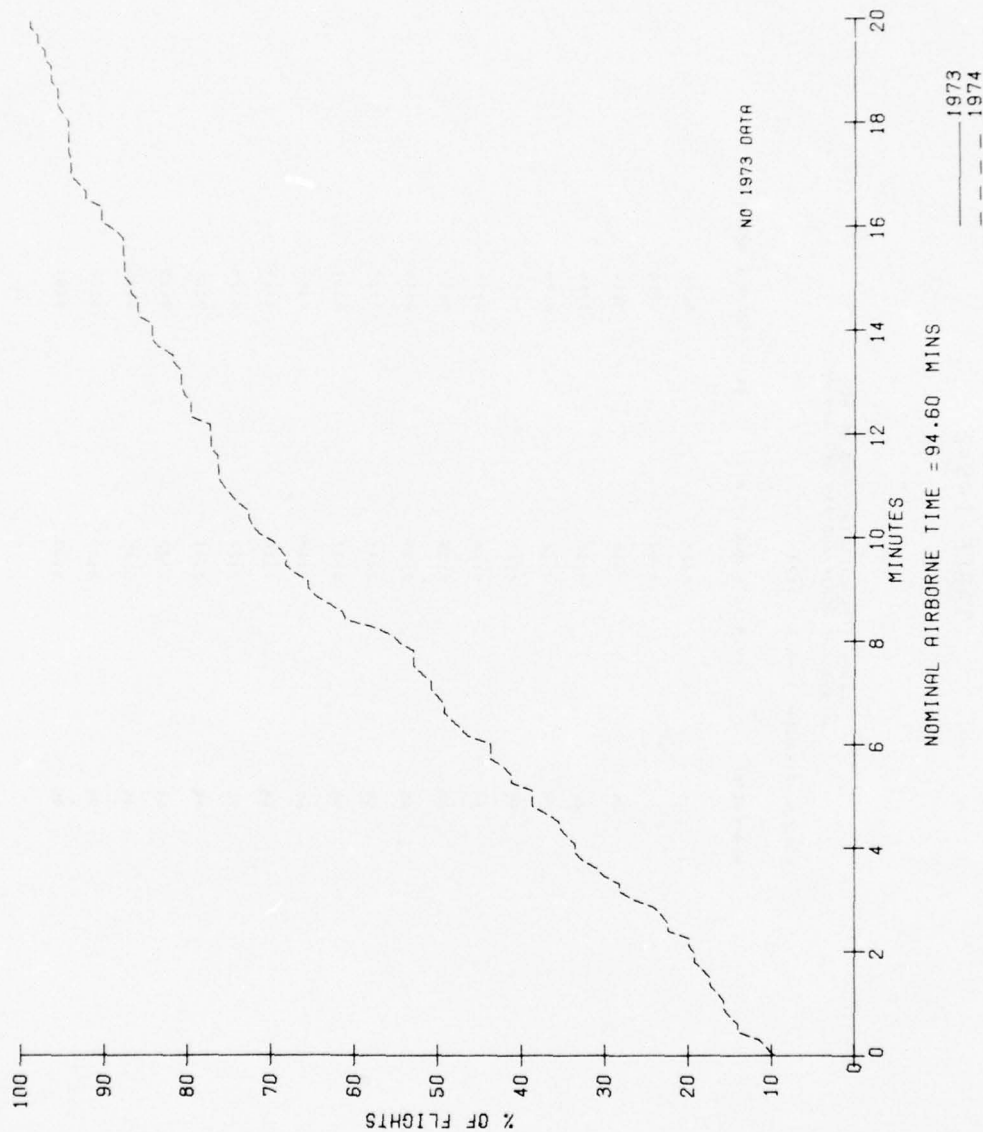


TABLE I-5-2

PERCENTILE DISTRIBUTIONS OF AIR DELAYS FOR ROUTE SEGMENT DCA 222 (MD)			
NOMINAL AIRBORNE TIME = 1:22			
PERCENTILE	1975 AIRBORNE DELAY	1974 AIRBORNE DELAY	1973 AIRBORNE DELAY
5	0:07		0:11
10	0:09		0:13
15	0:10		0:14
20	0:11		0:15
25	0:12		0:16
30	0:13		0:17
35	0:14		0:18
40	0:15		0:19
45	0:15		0:19
50	0:17		0:20
55	0:17		0:21
60	0:18		0:22
65	0:19		0:24
70	0:20		0:25
75	0:21		0:26
80	0:22		0:28
85	0:25		0:30
90	0:27		0:34
95	0:33		0:41

FIGURE I-5-2
 CUMULATIVE % DISTRIBUTION OF AIRBORNE DELAYS
 1973 VS 1974
 FOR ROUTE SEGMENT DCA TO ORD

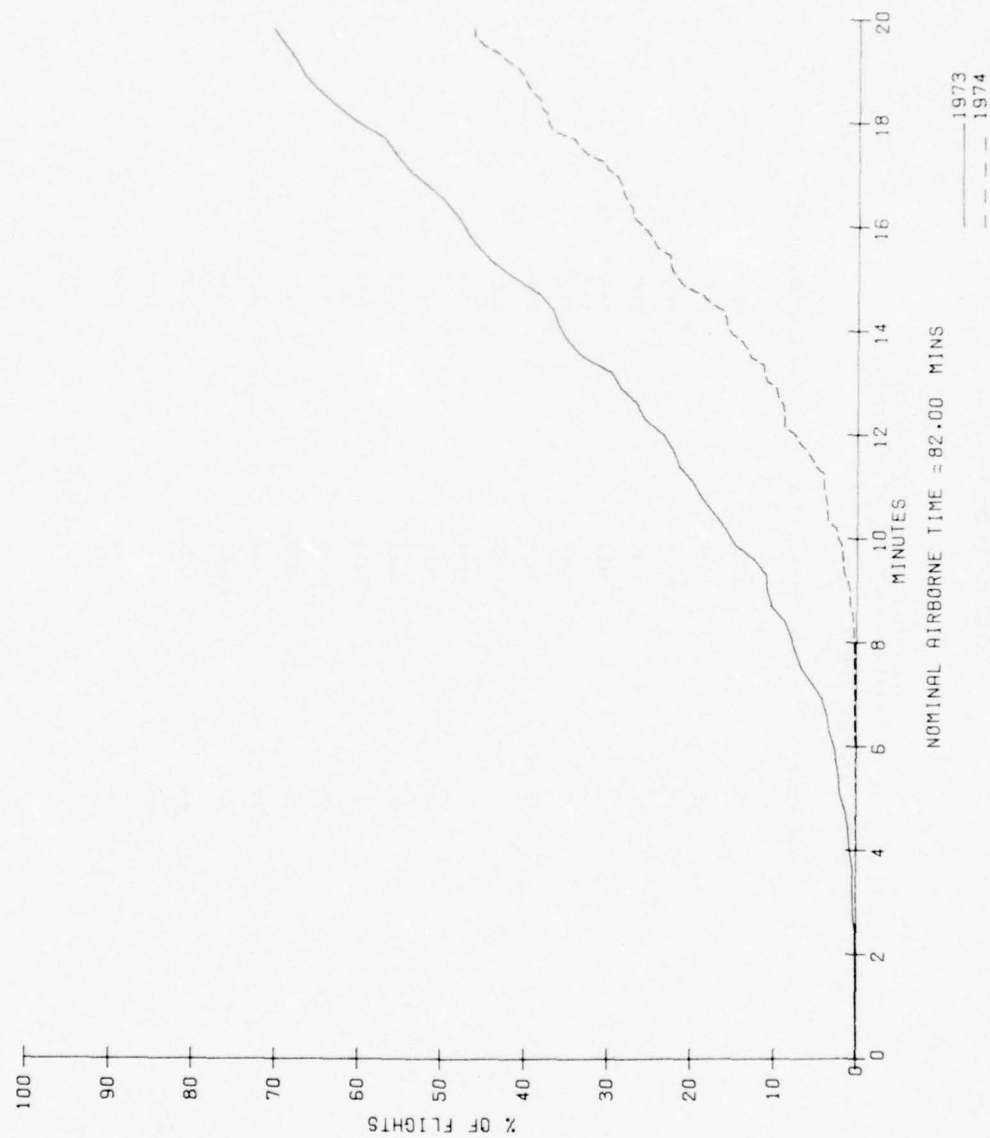


TABLE I-5-3

PERCENTILE DISTRIBUTIONS OF AIR
DELAYS FOR ROUTE SEGMENT LGA ==> ORD

NOMINAL AIRBORNE TIME = 1:31

PERCENTILE	1973 AIRBORNE DELAY	1979 AIRBORNE DELAY
5	0:11	0:15
10	0:13	0:17
15	0:14	0:19
20	0:15	0:20
25	0:16	0:22
30	0:17	0:22
35	0:18	0:24
40	0:19	0:25
45	0:20	0:26
50	0:21	0:27
55	0:22	0:28
60	0:23	0:29
65	0:24	0:31
70	0:25	0:31
75	0:26	0:33
80	0:27	0:35
85	0:29	0:39
90	0:32	0:42
95	0:37	0:42

FIGURE I-5-3
 CUMULATIVE % DISTRIBUTION OF AIRBORNE DELAYS
 1973 VS 1974
 FOR ROUTE SEGMENT LGA TO ORD

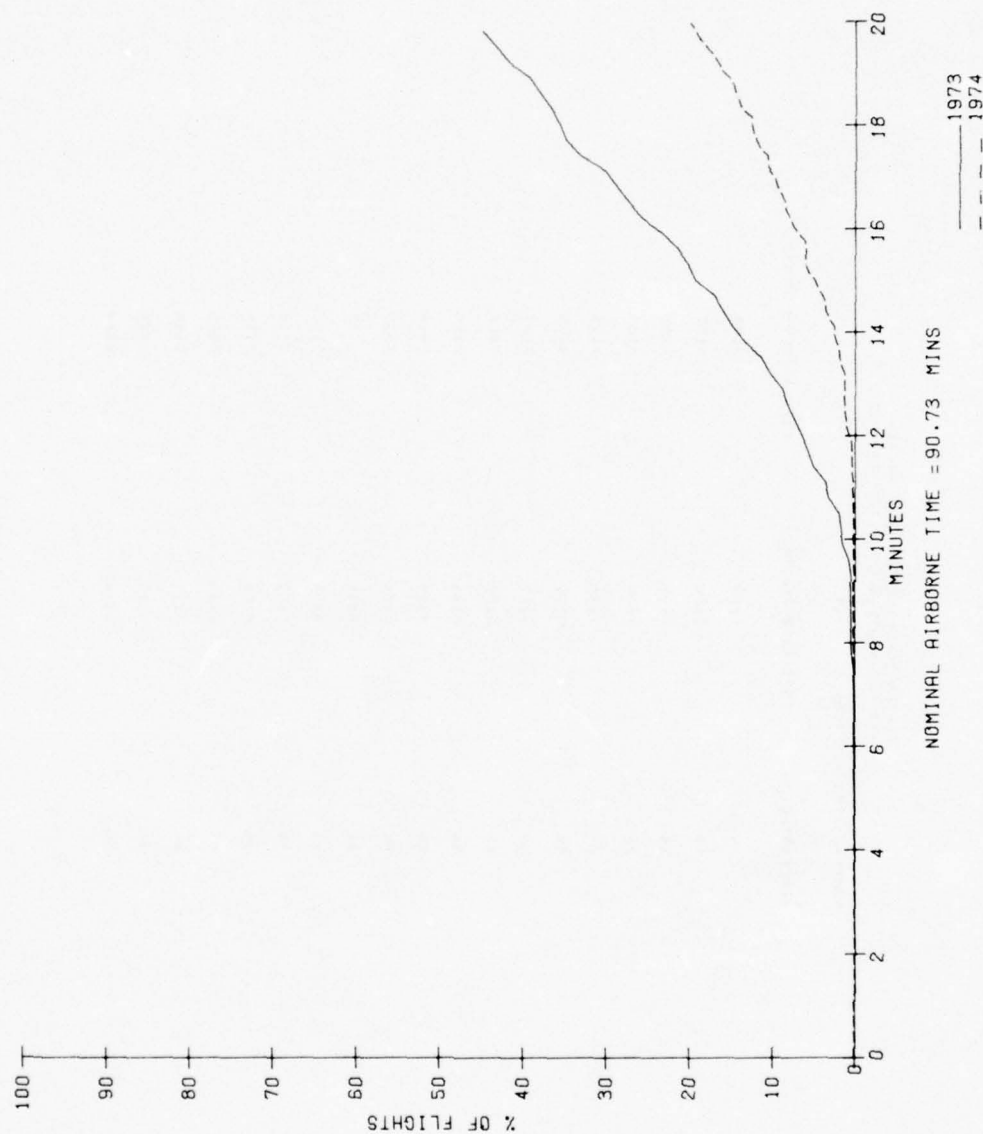


TABLE I-5-4

PERCENTILE DISTRIBUTIONS OF AIR
DELAYS FOR ROUTE SEGMENT IWD 222 (AX)

NOMINAL AIRBORNE TIME = 4:34

PERCENTILE	1973 AIRBORNE DELAY	1974 AIRBORNE DELAY
5	0:00	0:00
10	0:00	0:00
15	0:00	0:02
20	0:00	0:03
25	0:00	0:04
30	0:00	0:05
35	0:01	0:07
40	0:02	0:07
45	0:03	0:08
50	0:03	0:10
55	0:04	0:10
60	0:05	0:11
65	0:06	0:12
70	0:07	0:14
75	0:08	0:15
80	0:10	0:16
85	0:11	0:18
90	0:13	0:20
95	0:16	0:24

FIGURE I-5-4
 CUMULATIVE % DISTRIBUTION OF AIRBORNE DELAYS
 1973 VS 1974
 FOR ROUTE SEGMENT ORD TO LAX

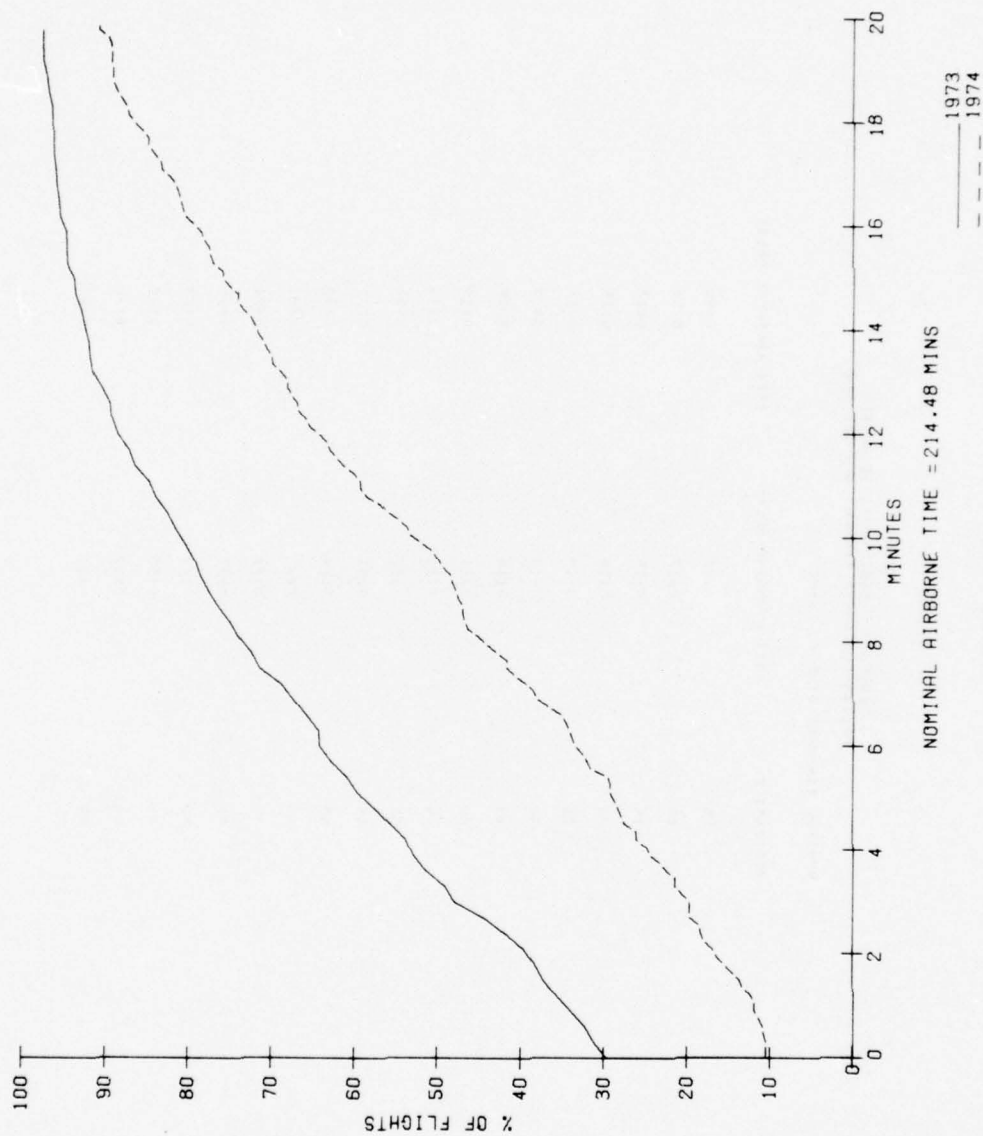
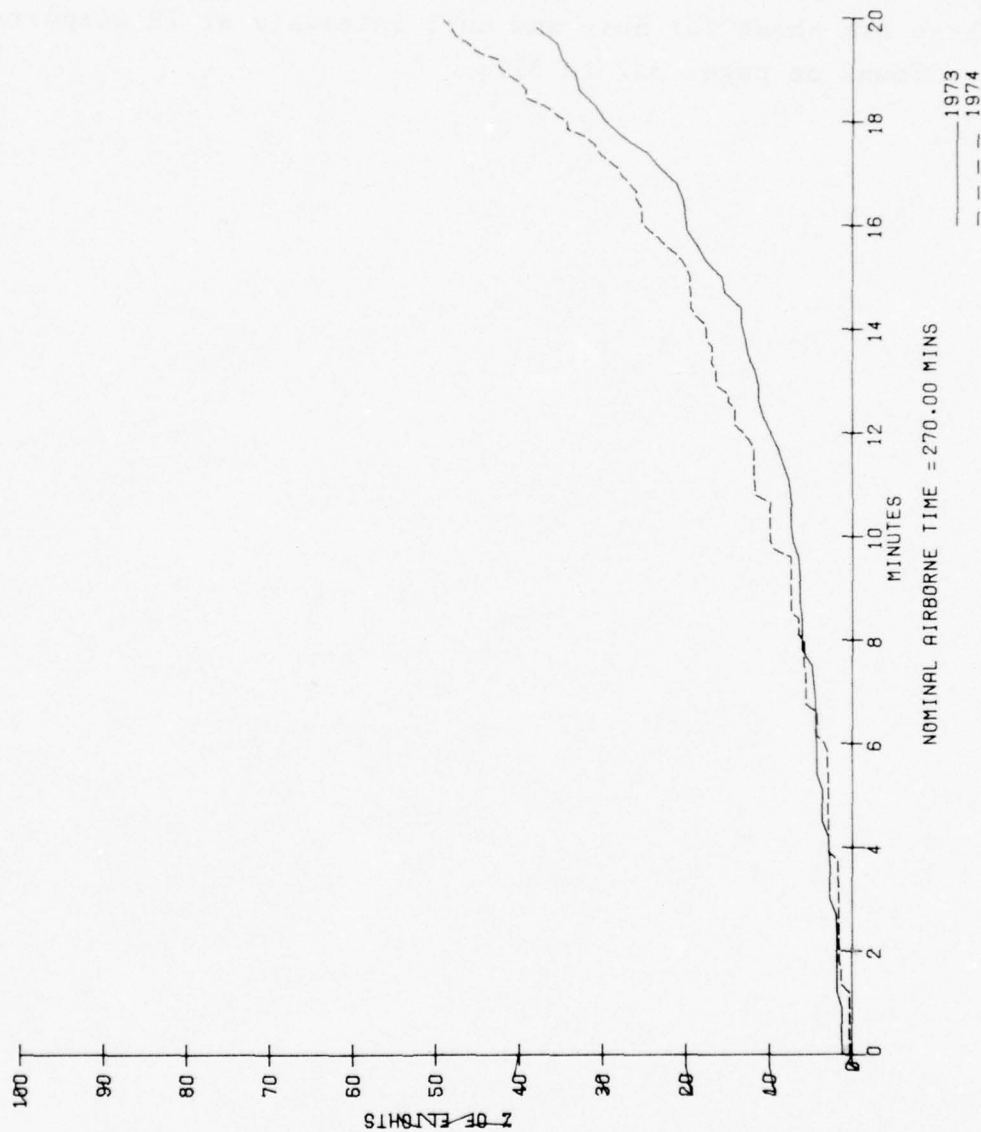


TABLE I-5-5

PERCENTILE DISTRIBUTIONS OF AIR DELAYS FOR ROUTE SEGMENT SFO ==> JFK			
NOMINAL AIRBORNE TIME = 0:30			
PERCENTILE	1973 AIRBORNE DELAY	1974 AIRBORNE DELAY	1974 AIRBORNE DELAY
5	0:08		0:06
10	0:12		0:10
15	0:15		0:13
20	0:16		0:15
25	0:17		0:16
30	0:18		0:17
35	0:19		0:18
40	0:20		0:19
45	0:21		0:19
50	0:22		0:20
55	0:23		0:21
60	0:24		0:22
65	0:25		0:23
70	0:26		0:24
75	0:27		0:25
80	0:29		0:27
85	0:30		0:30
90	0:32		0:32
95	0:37		0:35

FIGURE I-5-5
 CUMULATIVE % DISTRIBUTION OF AIRBORNE DELAYS
 1973 VS 1974
 FOR ROUTE SEGMENT SFO TO JFK



CHAPTER II. GROUND DELAYS

Chapter II is divided into two parts:

- Table II-1 on page 311 shows the nominal ground times for departures and arrivals at 20 airports.
- Tables and Figures II-2-1 to II-2-20 illustrate average monthly departure and arrival ground delays during 1973 and 1974. These are shown for busy and dull intervals at 20 airports. These are found on pages 312 to 351.

TABLE II-1 NOMINAL GROUND TIMES AT 20 AIRPORTS DEPARTURES; ARRIVALS

NOMINAL GROUND TIMES		
AIRPORT	DEPARTURE	ARRIVAL
ATL	4	4
BOS	9	2
CLE	7	3
DCA	9	3
DFW	3	2
DFW	4	3
DTW	4	3
FAR	9	4
JFK	15	7
LAX	9	3
LGA	4	4
MTA	7	2
MSP	5	2
MSY	4	2
ORD	9	5
PHL	7	2
PIT	2	2
SEA	6	2
SFO	4	3
STL	3	2

ALL TIMES ARE IN MINUTES

TABLE II-2-1

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DUL INTERVALS FOR AIRPORT ATL

	1973		1974	
	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL
JAN	0:12	0:09	0:10	0:07
FEB	0:12	0:10	0:10	0:09
MAR	0:13	0:10	0:10	0:09
APR	0:13	0:11	0:11	0:09
MAY	0:13	0:09	0:11	0:08
JUN	0:13	0:10	0:12	0:12
JUL	0:13	0:09	0:12	0:11
AUG	0:13	0:10	0:12	0:10
SEP	0:14	0:11	0:11	0:12
OCT	0:13	0:10	0:11	0:09
NOV	0:13	0:11	0:11	0:09
DEC	0:12	0:09	0:10	0:08

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

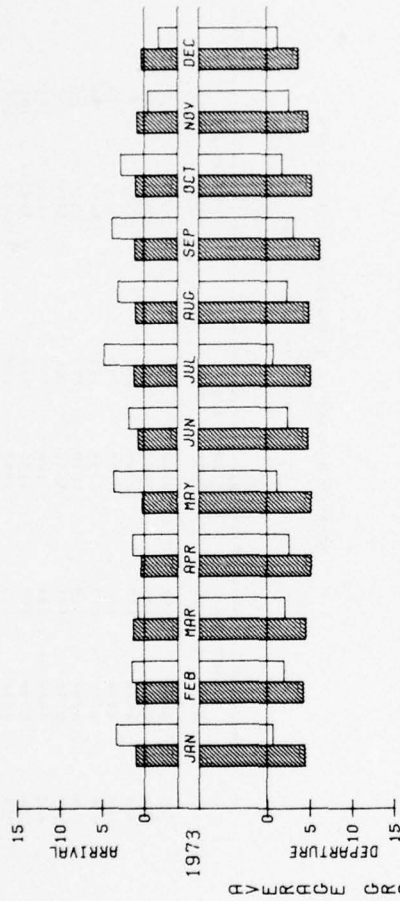
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT ATL

TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL
JAN	2547	313	1615	158
FEB	2904	752	3018	400
MAR	3176	760	3208	366
APR	3053	713	3078	329
MAY	3509	790	3225	531
JUN	3373	782	2967	456
JUL	3215	453	2950	411
AUG	3650	841	3850	559
SEP	3205	510	3219	446
OCT	3199	388	3165	453
NOV	3222	652	3399	472
DEC	2799	299	3122	452
TOTAL	37942	7253	36811	5073

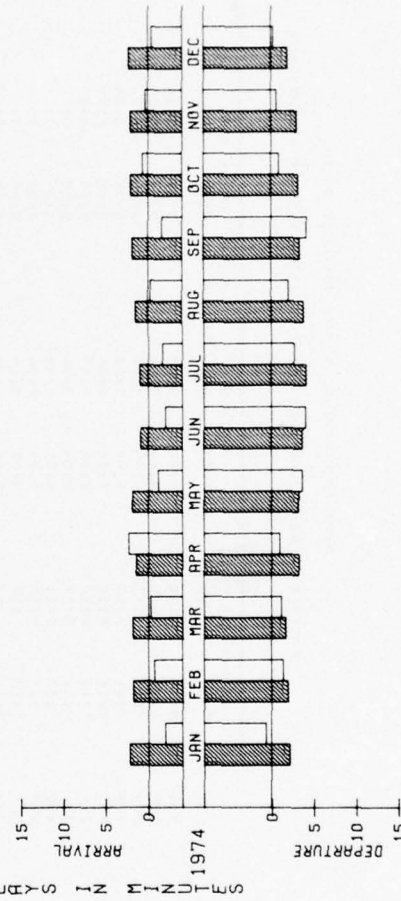
FIGURE II-2-1

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

TABLE II-2-2

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT HOS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	0:11	0:14	0:04	0:03
FEB	0:10	0:15	0:04	0:04
MAR	0:10	0:15	0:05	0:04
APR	0:11	0:13	0:04	0:04
MAY	0:11	0:10	0:04	0:06
JUN	0:11	0:12	0:04	0:03
JUL	0:12	0:11	0:05	0:05
AUG	0:12	0:11	0:05	0:05
SEP	0:11	0:10	0:04	0:06
OCT	0:12	0:12	0:04	0:06
NOV	0:11	0:12	0:04	0:06
DEC	0:11	0:11	0:03	0:02

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

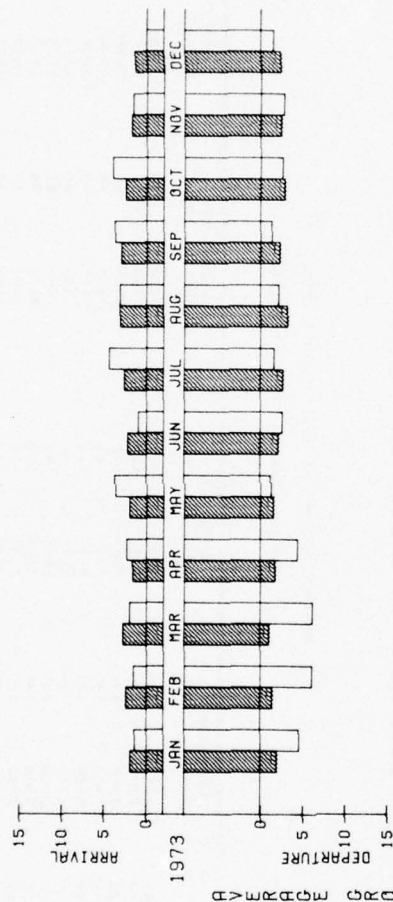
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT HOS
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	3462	153	3268	103
FEB	4250	161	3907	242
MAR	4576	177	4263	250
APR	4504	162	4143	218
MAY	4712	219	4453	341
JUN	4254	218	3818	291
JUL	4138	191	3697	240
AUG	4969	229	4606	309
SEP	4356	195	4137	272
OCT	4016	150	3862	180
NOV	4055	138	3891	271
DEC	3482	94	3385	92
TOTAL	50674	2087	47470	2909

FIGURE II-2-2

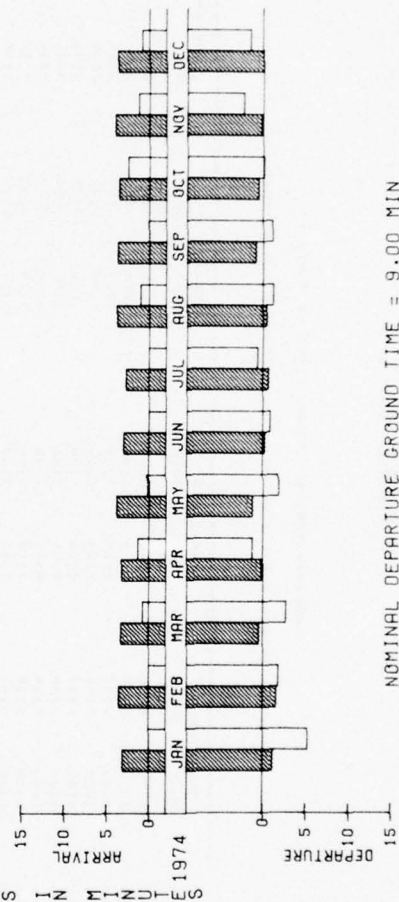
BOS

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-3

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT CLE

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	02:09 02:04	02:04 02:05	02:04 02:09	02:06 02:08
FEB	02:10 02:04	02:04 02:04	02:04 02:11	02:06 02:10
MAR	02:09 02:07	02:04 02:05	02:06 02:07	02:05 02:06
APR	02:09 02:04	02:03 02:04	02:07 02:06	02:05 02:05
MAY	02:04 02:04	02:05 02:06	02:06 02:07	02:05 02:06
JUN	02:04 02:05	02:05 02:06	02:07 02:07	02:05 02:04
JUL	02:09 02:04	02:04 02:06	02:04 02:07	02:05 02:06
AUG	02:09 02:04	02:03 02:07	02:04 02:07	02:06 02:07
SEP	02:09 02:04	02:03 02:06	02:06 02:05	02:06 02:04
OCT	02:09 02:04	02:04 02:05	02:05 02:05	02:06 02:06
NOV	02:10 02:04	02:04 02:09	02:06 02:11	02:07 02:08
DEC				

MINIMAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

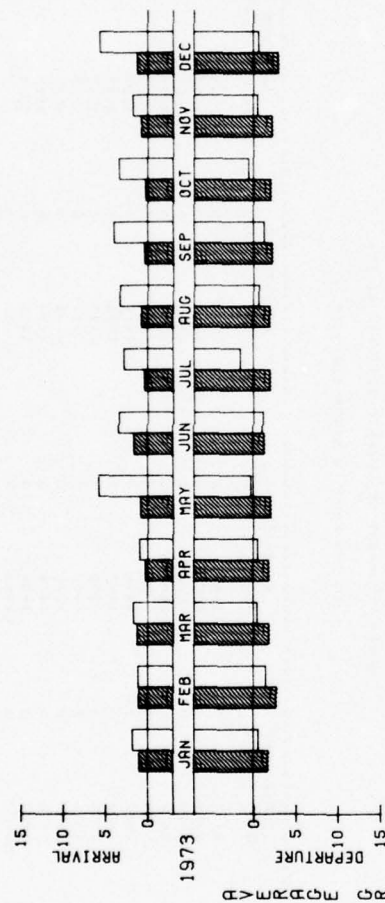
MINIMAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT CLE
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	2465 115	2793 143	312 19	585 50
FEB	2797 116	2633 142	2302 60	2222 75
MAR	2959 141	2441 171	2506 70	2434 48
APR	2464 150	2755 164	2460 46	2390 64
MAY	3109 101	3022 119	1194 49	1206 52
JUN	2170 95	2424 94	967 46	1010 50
JUL	2419 100	2476 96	440 47	1023 51
AUG	3220 141	3163 144	3037 94	2946 59
SEP	2742 107	2736 130	2622 62	2630 52
OCT	2454 95	2617 135	2652 64	2652 56
NOV	2496 137	2632 160	2113 34	2054 54
DEC	2475 44	2476 91	1940 34	1906 47
TOTAL	54034 1366	53413 1597	23089 637	22445 694

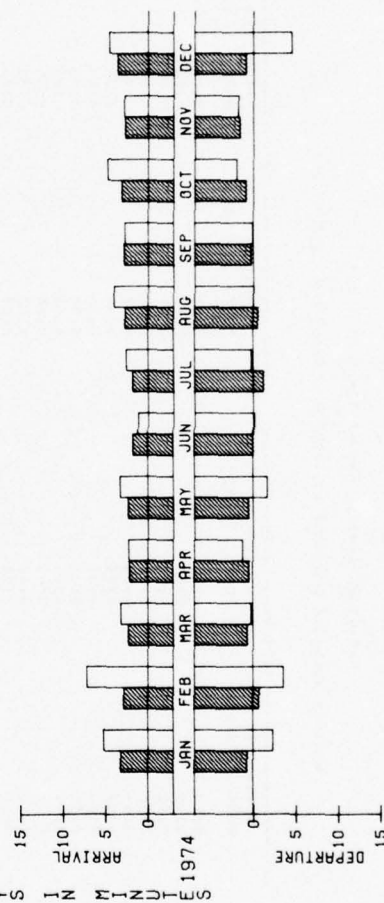
FIGURE II-2-3
CLE

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

BUSY
DULL

TABLE II-2-4

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT DCA

	1975		1976	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	0:10	0:05	0:07	0:04
FEB	0:11	0:05	0:07	0:04
MAR	0:10	0:04	0:07	0:05
APR	0:12	0:05	0:04	0:04
MAY	0:11	0:05	0:04	0:05
JUN	0:12	0:03	0:04	0:04
JUL	0:10	0:05	0:04	0:04
AUG	0:10	0:05	0:04	0:05
SEP	0:11	0:05	0:04	0:05
OCT	0:11	0:05	0:04	0:05
NOV	0:10	0:02	0:07	0:04
DEC	0:10	0:03	0:07	0:04

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DCA

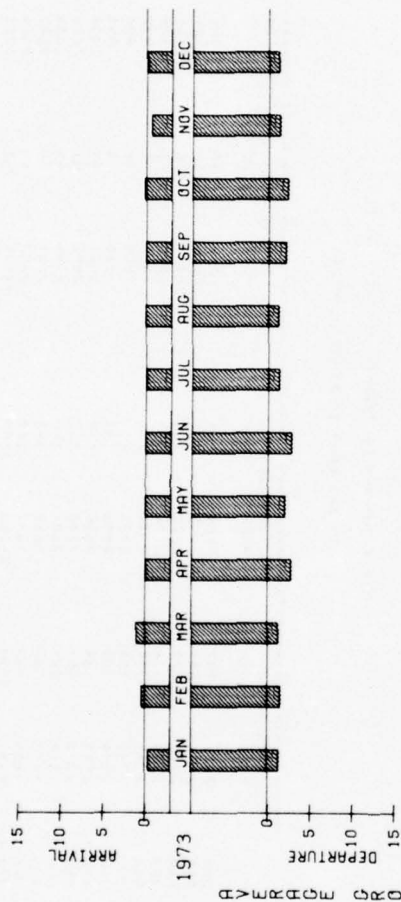
TO AND FROM 19 STUDY AIRPORTS

	1975		1976	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	3441	3649	2020	2135
FEB	4261	4086	3615	3458
MAR	4827	4666	4009	3869
APR	4644	4502	3913	3808
MAY	5089	4848	3632	3393
JUN	4667	4496	3314	3146
JUL	4686	4447	3046	2935
AUG	4976	4796	4218	4065
SEP	4544	4404	3917	3769
OCT	4464	4226	4090	3935
NOV	4470	4349	4090	3379
DEC	3847	3834	3353	3219
TOTAL	54400	52543	42697	41111

FIGURE II-2-4

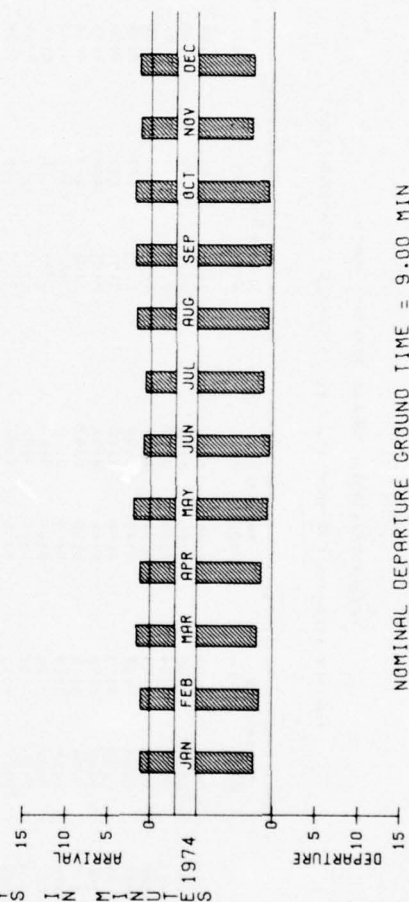
DCA

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-5

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT DEN

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	0:09 0:07	0:05 0:04	0:06 0:10	0:09 0:04
FEB	0:08 0:08	0:05 0:03	0:07 0:05	0:05 0:03
MAR	0:08 0:04	0:05 0:02	0:06 0:06	0:06 0:02
APR	0:09 0:08	0:04 0:04	0:06 0:04	0:06 0:04
MAY	0:09 0:10	0:04 0:04	0:05 0:07	0:05 0:02
JUN	0:09 0:10	0:04 0:02	0:07 0:09	0:04 0:04
JUL	0:09 0:08	0:04 0:02	0:07 0:08	0:05 0:05
AUG	0:09 0:08	0:04 0:02	0:07 0:09	0:06 0:04
SEP	0:09 0:09	0:04 0:02	0:07 0:13	0:07 0:04
OCT	0:09 0:08	0:04 0:02	0:07 0:06	0:06 0:06
NOV	0:08 0:11	0:04 0:02	0:07 0:07	0:08 0:06
DEC	0:09 0:11	0:05 0:02	0:07 0:08	0:08 0:05

NOMINAL GROUND TIME = 3.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DEN

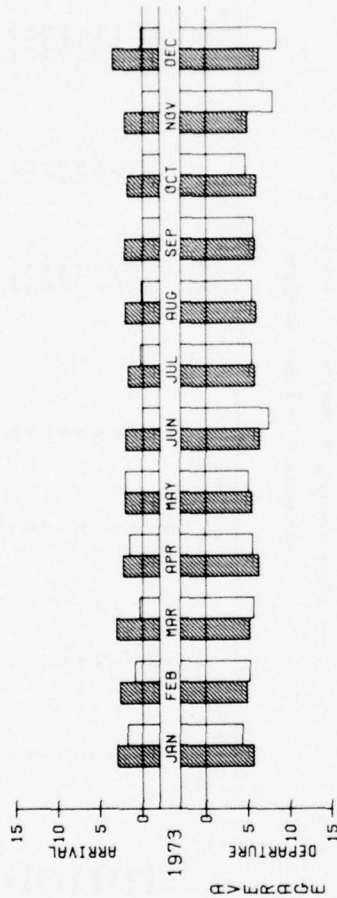
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	2221 147	2124 145	224 50	461 76
FEB	2036 132	2043 141	2099 102	2181 98
MAR	2271 149	2274 160	2301 106	2411 117
APR	2143 116	2174 145	2221 101	2304 109
MAY	2261 105	2273 136	968 75	992 93
JUN	2037 100	2021 131	890 48	924 59
JUL	2096 102	2086 133	910 51	953 60
AUG	2533 136	2534 137	2433 53	2904 118
SEP	2224 103	2196 113	2422 51	2520 107
OCT	2116 101	2102 108	2384 51	2436 112
NOV	1607 67	1650 121	2201 46	2242 103
DEC	1604 62	1687 118	2237 48	2325 108
TOTAL	25344 1320	25168 1588	21974 762	22701 1156

FIGURE II-2-5

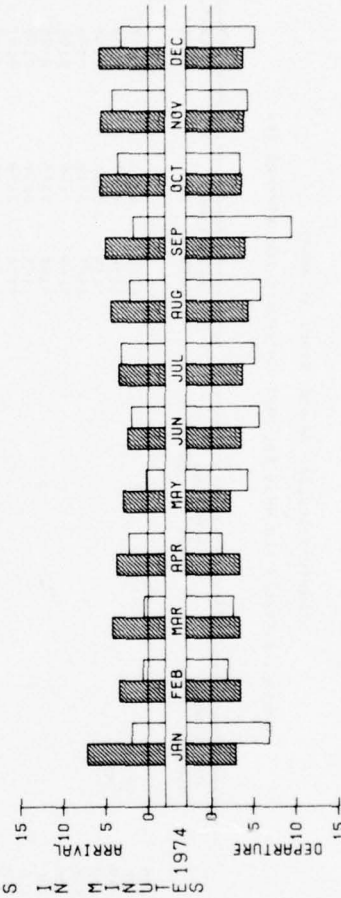
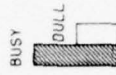
DEN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

TABLE II-2-6

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT DEB

	1973		1974	
	DEPARTURES BUSY	ARRIVALS DULL	DEPARTURES BUSY	ARRIVALS DULL
JAN			0:09	0:07
FEB			0:08	0:06
MAR			0:09	0:06
APR			0:07	0:06
MAY			0:09	0:06
JUN			0:08	0:06
JUL			0:08	0:06
AUG			0:08	0:07
SEP			0:07	0:07
OCT			0:07	0:06
NOV			0:07	0:06
DEC			0:07	0:06

NOMINAL GROUND TIME = 6.0 MINUTES FOR DEPARTURES
 NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

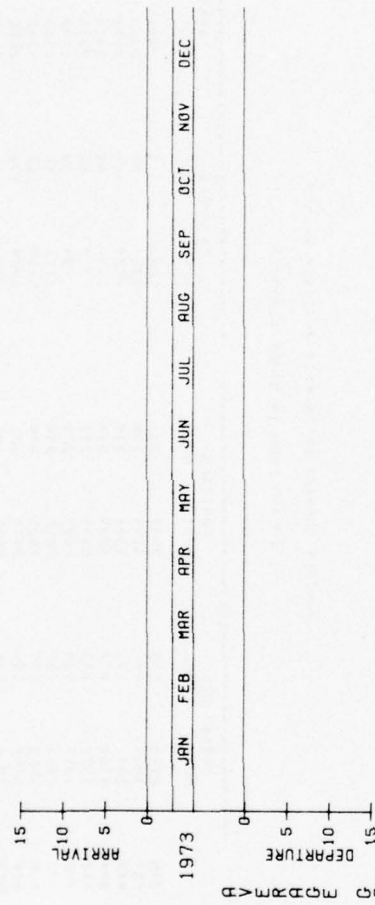
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DEN
 TO AND FROM 14 STUDY AIRPORTS

	1973		1974	
	DEPARTURES BUSY	ARRIVALS DULL	DEPARTURES BUSY	ARRIVALS DULL
JAN	0	0	0	0
FEB	0	0	2707	240
MAR	0	0	2419	262
APR	0	0	2693	233
MAY	0	0	3253	284
JUN	0	0	2842	290
JUL	0	0	2865	321
AUG	0	0	3566	347
SEP	0	0	2990	313
OCT	0	0	3100	325
NOV	0	0	3309	295
DEC	0	0	3028	296
TOTAL	0	0	33272	3259

FIGURE II-2-6

DFW

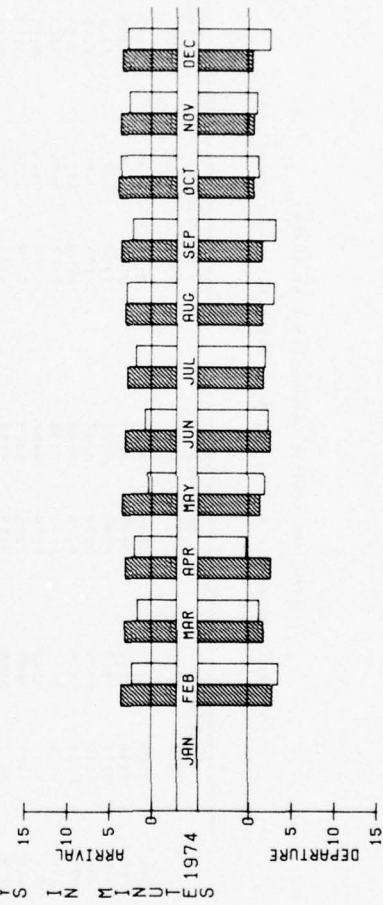
NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



BUSY
IDULL

NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

TABLE II-2-7

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSV VS. DULL INTERVALS FOR AIRPORT 01*

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	RUSV	DULL	RUSV	DULL
JAN	0:09	0:08	0:08	0:06
FEB	0:10	0:08	0:08	0:06
MAR	0:10	0:09	0:08	0:06
APR	0:10	0:09	0:08	0:06
MAY	0:10	0:10	0:08	0:06
JUN	0:10	0:09	0:08	0:06
JUL	0:10	0:07	0:08	0:06
AUG	0:09	0:09	0:08	0:06
SEP	0:09	0:09	0:08	0:06
OCT	0:10	0:12	0:07	0:06
NOV	0:10	0:11	0:07	0:06
DEC	0:11	0:09	0:07	0:06

NOMINAL GROUND TIME = 8.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

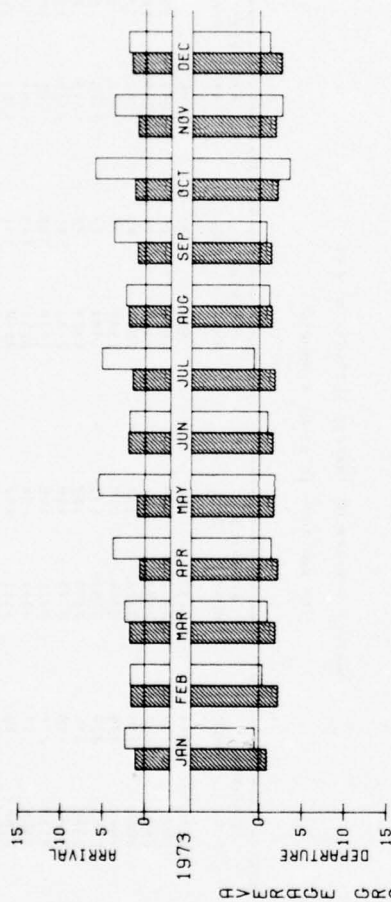
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT DTA
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	RUSV	DULL	RUSV	DULL
JAN	2724	135	2837	251
FEB	3216	160	3145	200
MAR	3476	173	3331	219
APR	3308	172	3207	218
MAY	3577	132	3405	232
JUN	2813	126	2792	225
JUL	2813	135	2818	230
AUG	3605	134	3426	209
SEP	3001	135	2973	225
OCT	2914	126	2805	191
NOV	2907	103	2836	213
DEC	2586	89	2606	179
TOTAL	37070	1600	36221	2612

FIGURE II-2-7

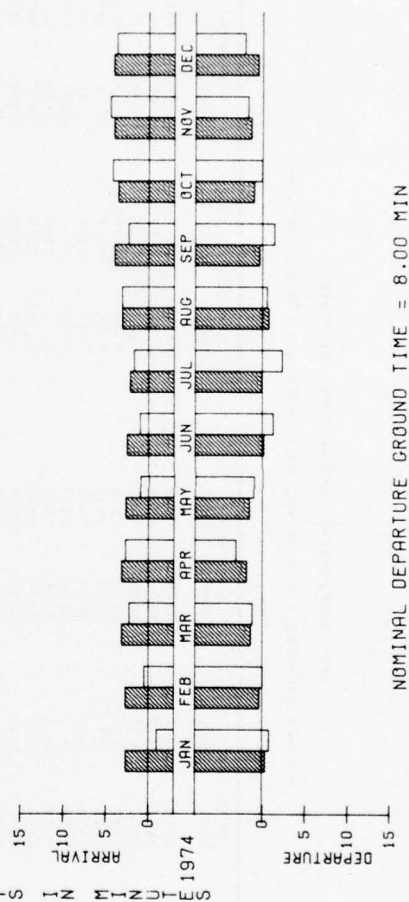
DTW

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

TABLE II-2-8

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT FOR

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	RUSY	DULL	RUSY	DULL
JAN	02:10	02:10	02:05	02:06
FEB	02:12	02:12	02:05	02:05
MAR	02:12	02:12	02:05	02:05
APR	02:12	02:12	02:05	02:05
MAY	02:12	02:12	02:06	02:06
JUN	02:12	02:12	02:06	02:07
JUL	02:12	02:12	02:06	02:06
AUG	02:12	02:12	02:06	02:06
SEP	02:11	02:10	02:05	02:05
OCT	02:11	02:10	02:05	02:04
NOV	02:12	02:12	02:05	02:06
DEC	02:11	02:12	02:05	02:07

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

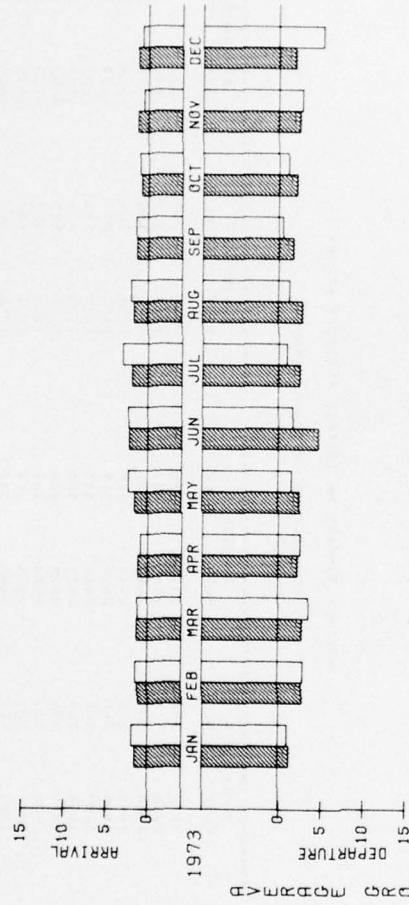
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT FFW
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	RUSY	DULL	RUSY	DULL
JAN	2636	174	2439	118
FEB	2541	160	2392	179
MAR	2627	142	2553	141
APR	2506	135	2475	137
MAY	2649	279	2706	149
JUN	2303	239	2365	133
JUL	2330	206	2394	103
AUG	2682	268	2758	139
SEP	2315	230	2438	106
OCT	2329	157	2316	78
NOV	2165	202	2111	151
DEC	1994	126	1958	66
TOTAL	29079	2338	28905	1540

FIGURE II-2-8

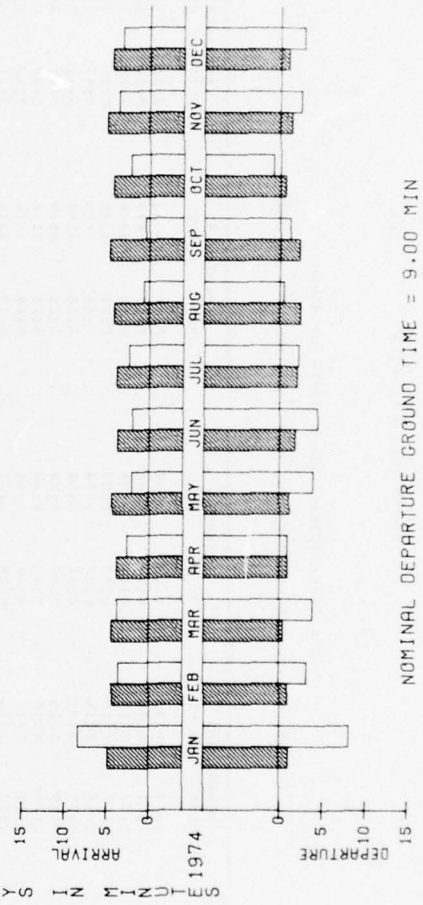
EWB

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-9

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DUL INTERVALS FOR AIRPORT JFK

	1973		1974	
	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL
JAN	0:17	0:16	0:16	0:17
FEB	0:17	0:16	0:17	0:18
MAR	0:17	0:18	0:17	0:18
APR	0:17	0:15	0:16	0:16
MAY	0:17	0:15	0:16	0:16
JUN	0:20	0:21	0:16	0:17
JUL	0:19	0:16	0:19	0:19
AUG	0:20	0:18	0:21	0:19
SEP	0:19	0:17	0:20	0:18
OCT	0:18	0:16	0:18	0:18
NOV	0:17	0:16	0:17	0:18
DEC	0:17	0:18	0:17	0:18

NOMINAL GROUND TIME = 15.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 7.0 MINUTES FOR ARRIVALS

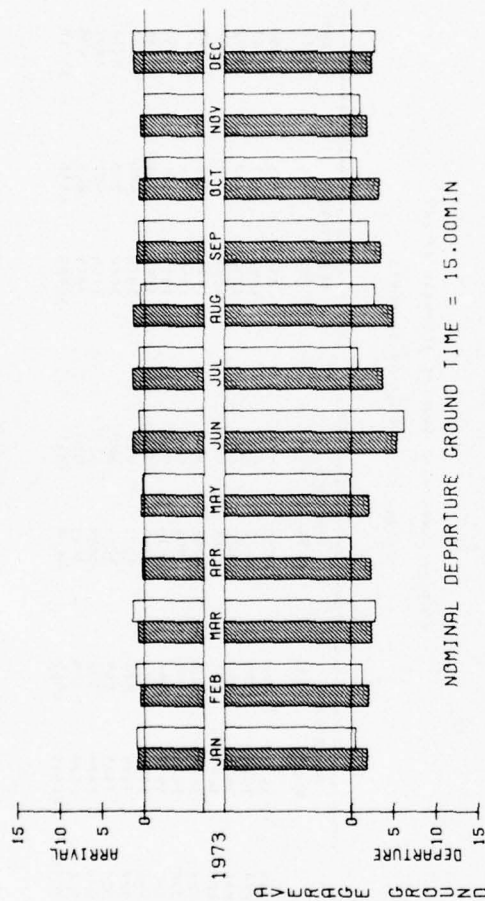
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT JFK
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL	DEPARTURES HUSY DUL	ARRIVALS HUSY DUL
JAN	2112	554	1975	325
FEB	2406	584	2385	429
MAR	2566	649	2602	421
APR	2388	606	2040	408
MAY	2769	766	2659	399
JUN	2637	699	2467	333
JUL	2659	704	2571	301
AUG	3029	895	3028	446
SEP	2620	773	2584	309
OCT	2352	727	2215	259
NOV	1981	553	1955	318
DEC	1815	428	1710	233
TOTAL	29334	7943	28592	4181

FIGURE II-2-9

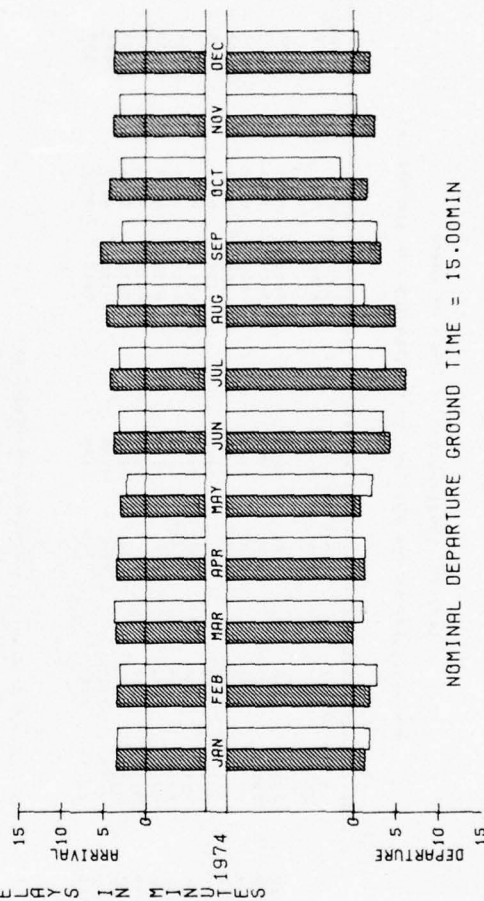
JFK

NOMINAL ARRIVAL GROUND TIME = 7.00 MIN



NOMINAL DEPARTURE GROUND TIME = 15.00 MIN

NOMINAL ARRIVAL GROUND TIME = 7.00 MIN



NOMINAL DEPARTURE GROUND TIME = 15.00 MIN

TABLE II-2-10

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT LAX

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	0:11	0:10	0:11	0:04
FEB	0:11	0:06	0:11	0:07
MAR	0:10	0:07	0:09	0:07
APR	0:11	0:06	0:09	0:06
MAY	0:11	0:06	0:10	0:04
JUN	0:11	0:07	0:12	0:07
JUL	0:11	0:06	0:10	0:07
AUG	0:11	0:07	0:10	0:05
SEP	0:11	0:06	0:10	0:05
OCT	0:11	0:06	0:10	0:07
NOV	0:11	0:05	0:10	0:07
DEC	0:11	0:05	0:10	0:07

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT LAX

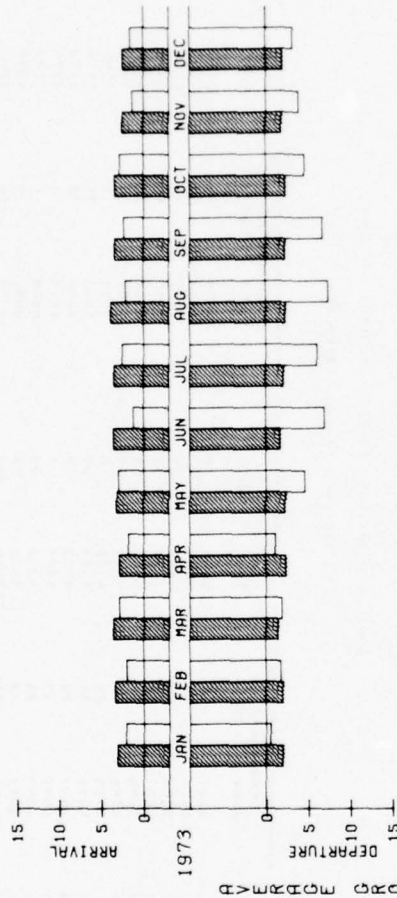
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	3572	3850	834	880
FEB	3526	3702	3092	3287
MAR	3690	4070	3296	3452
APR	3605	3986	3080	3292
MAY	3683	4205	1470	1670
JUN	3436	3901	1568	1491
JUL	3517	4014	1334	1470
AUG	3905	4318	3892	4156
SEP	3476	3824	3476	3707
OCT	3585	4711	3000	3716
NOV	2829	2884	2768	3022
DEC	2920	3043	2853	2995
TOTAL	41343	45508	50863	53118

FIGURE II-2-10

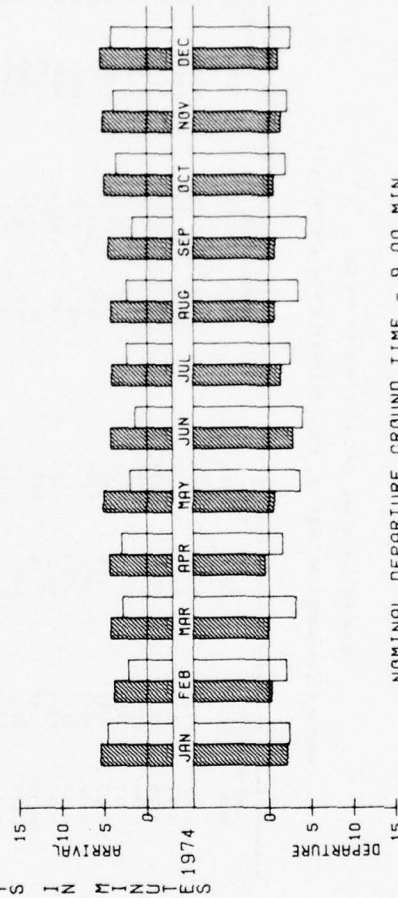
LAX

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-11

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT LGA

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	0:16	0:06	0:15	0:09
FEB	0:17	0:05	0:14	0:08
MAR	0:18	0:06	0:13	0:08
APR	0:19	0:05	0:14	0:09
MAY	0:22	0:06	0:16	0:08
JUN	0:16	0:05	0:17	0:06
JUL	0:18	0:06	0:16	0:08
AUG	0:15	0:05	0:17	0:09
SEP	0:15	0:05	0:15	0:09
OCT	0:14	0:05	0:14	0:09
NOV	0:14	0:05	0:14	0:09
DEC	0:14	0:05	0:14	0:09

NOMINAL GROUND TIME = 4.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 4.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT LGA

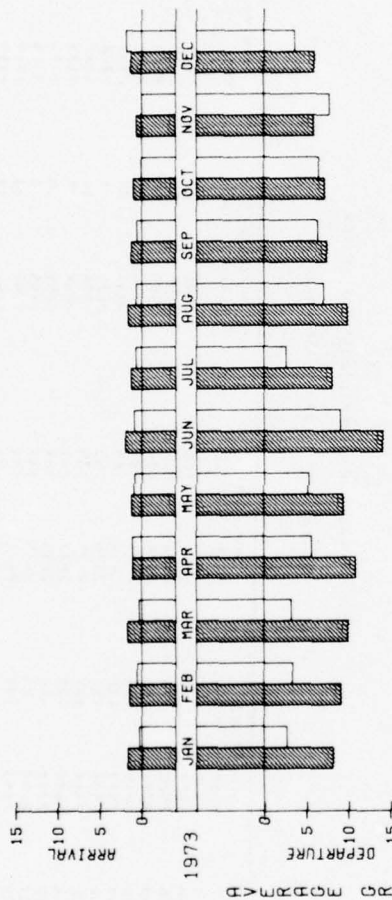
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	4447	4458	2844	2924
FEB	4925	4868	4310	4353
MAR	5354	5312	4767	4720
APR	5259	5282	4792	4763
MAY	5586	5540	4014	4024
JUN	4786	4449	3709	3619
JUL	4759	4423	3511	3195
AUG	5474	5373	5080	5114
SEP	4937	4943	4608	4679
OCT	4847	4843	4813	4874
NOV	4252	4212	4624	4627
DEC	3912	3905	4452	4362
TOTAL	58540	57668	51553	51260

FIGURE II-2-11

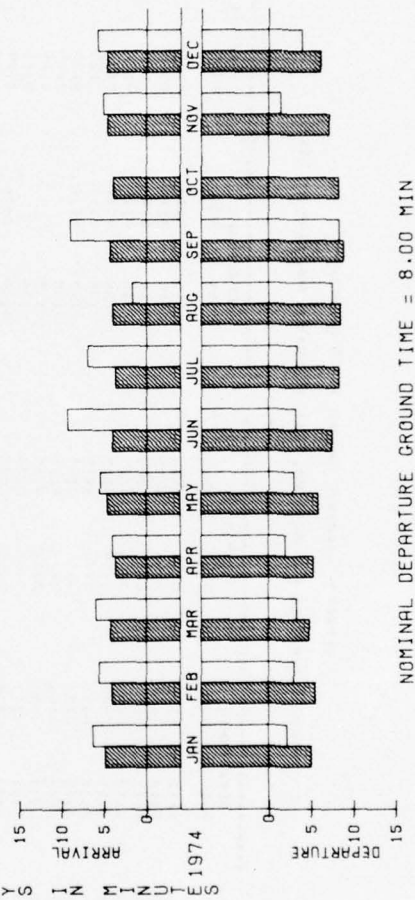
LGA

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 4.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

BUSY
DULL

TABLE II-2-12

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT WIA

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	0:12	0:11	0:10	0:04
FEB	0:12	0:10	0:09	0:06
MAR	0:12	0:09	0:10	0:07
APR	0:12	0:09	0:10	0:04
MAY	0:11	0:09	0:08	0:07
JUN	0:11	0:11	0:08	0:05
JUL	0:11	0:07	0:08	0:05
AUG	0:12	0:08	0:08	0:06
SEP	0:11	0:14	0:08	0:05
OCT	0:12	0:09	0:08	0:04
NOV	0:12	0:11	0:08	0:07
DEC	0:12	0:11	0:08	0:07

NOMINAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT WIA

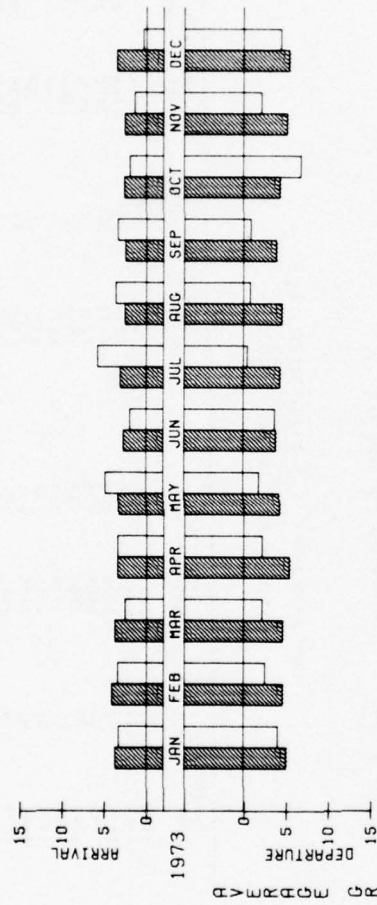
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	1777	21	1551	26
FEB	2528	173	2258	34
MAR	2741	164	2598	37
APR	2619	161	2416	37
MAY	2579	132	2301	39
JUN	2503	130	2224	40
JUL	2368	122	1975	14
AUG	2640	137	2068	0
SEP	2244	92	1756	0
OCT	2207	23	1785	33
NOV	2165	107	1795	33
DEC	1958	50	1656	14
TOTAL	28127	1332	24375	278

FIGURE II-2-12

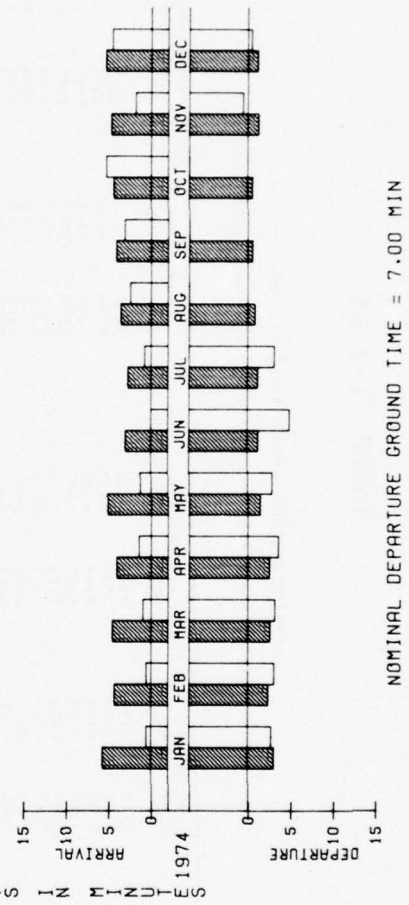
MIA

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

TABLE II-2-13

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT MSP

	1973				1974			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	RUSY	DULL	RUSY	DULL	RUSY	DULL	RUSY	DULL
JAN	0:10	0:08	0:04	0:05	0:05	0:07	0:05	0:05
FEB	0:09	0:09	0:04	0:03	0:09	0:07	0:05	0:05
MAR	0:09	0:10	0:04	0:03	0:08	0:07	0:05	0:05
APR	0:09	0:10	0:03	0:03	0:08	0:08	0:05	0:06
MAY	0:10	0:10	0:03	0:05	0:10	0:17	0:06	0:06
JUN	0:10	0:12	0:05	0:04	0:09	0:13	0:05	0:04
JUL	0:11	0:09	0:04	0:06	0:09	0:10	0:05	0:07
AUG	0:10	0:09	0:04	0:05	0:08	0:11	0:05	0:06
SEP	0:10	0:08	0:04	0:05	0:07	0:10	0:05	0:05
OCT	0:10	0:09	0:03	0:06	0:07	0:10	0:05	0:08
NOV	0:10	0:08	0:03	0:04	0:05	0:05	0:05	0:06
DEC	0:11	0:11	0:03	0:04	0:05	0:05	0:05	0:04

NOMINAL GROUND TIME = 5.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

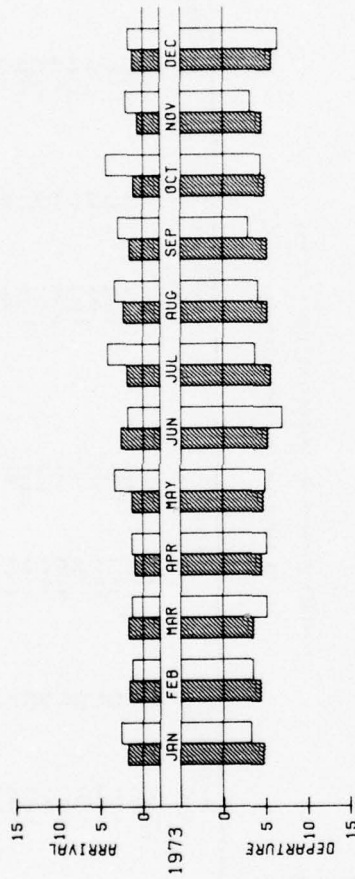
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT MSP
TO AND FROM 19 STUDY AIRPORTS

	1973				1974			
	DEPARTURES		ARRIVALS		DEPARTURES		ARRIVALS	
	RUSY	DULL	RUSY	DULL	RUSY	DULL	RUSY	DULL
JAN	1952	51	1873	170	180	0	174	0
FEB	2014	48	1883	211	1876	48	1764	124
MAR	2125	52	1926	243	2043	52	1980	107
APR	2064	51	1869	221	2005	52	1874	96
MAY	2204	52	2063	210	1558	52	1465	84
JUN	1907	50	1810	171	1301	20	1131	76
JUL	1977	51	1890	161	1339	20	1152	72
AUG	2498	56	2275	222	2350	43	2206	216
SEP	2224	44	2091	196	2142	44	2037	207
OCT	2247	56	2120	192	2173	54	2136	214
NOV	2279	49	2150	205	591	0	583	20
DEC	2223	47	2041	158	593	0	601	16
TOTAL	25663	604	23941	2360	18191	585	17165	1232

FIGURE I-2-13

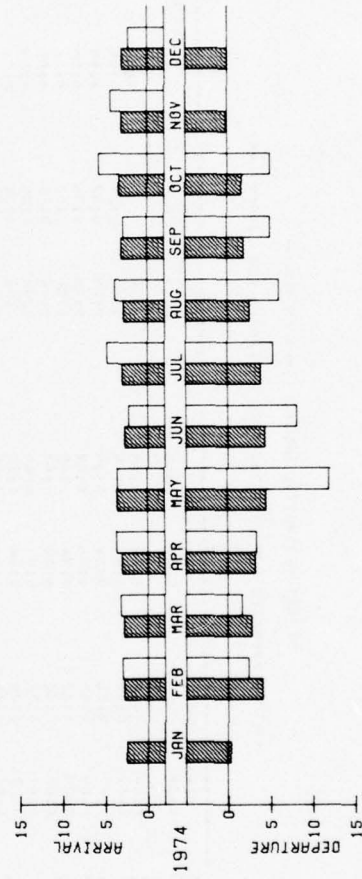
MSP

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 5.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 5.00 MIN

BUSY
IDLE

TABLE II-2-14

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT MSY

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	0:08	0:05	0:05	0:04
FEB	0:07	0:06	0:05	0:05
MAR	0:07	0:06	0:05	0:05
APR	0:09	0:04	0:06	0:04
MAY	0:04	0:02	0:06	0:03
JUN	0:07	0:04	0:04	0:05
JUL	0:07	0:02	0:04	0:04
AUG	0:07	0:04	0:04	0:04
SEP	0:07	0:05	0:05	0:05
OCT	0:08	0:04	0:04	0:04
NOV	0:04	0:09	0:04	0:05
DEC	0:07	0:10	0:05	0:05

NOMINAL GROUND TIME = 4.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT MSY

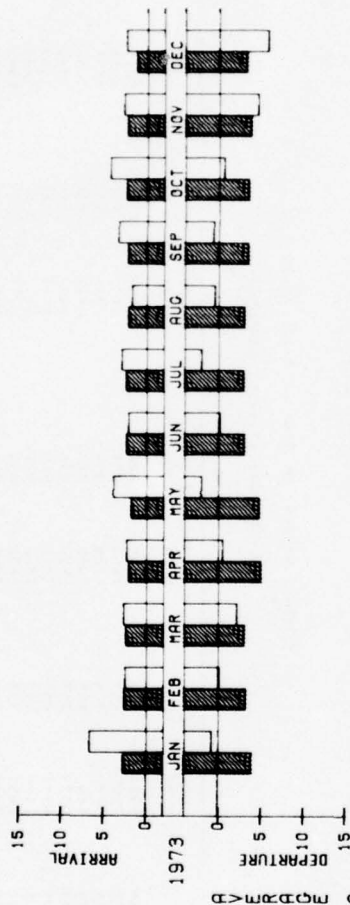
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	777	20	610	0
FEB	927	74	1119	26
MAR	1025	42	1103	31
APR	994	79	945	30
MAY	1062	52	1353	54
JUN	1017	49	1130	50
JUL	981	52	1053	14
AUG	1103	53	1227	31
SEP	965	24	906	20
OCT	943	27	1039	30
NOV	974	30	1214	41
DEC	896	14	1134	14
TOTAL	11704	560	12943	335

FIGURE II-2-14

MSY

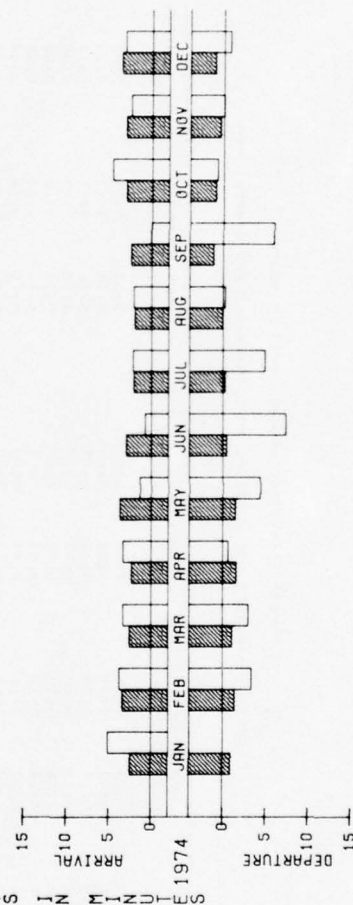
NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



BUSY
DULL

NOMINAL DEPARTURE GROUND TIME = 4.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 4.00 MIN

TABLE I-2-15

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT (ORD)

	1973		1974	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	0:16 0:10	0:08 0:07	0:13 0:11	0:09 0:09
FEB	0:17 0:11	0:08 0:04	0:13 0:11	0:10 0:04
MAR	0:19 0:12	0:09 0:07	0:14 0:11	0:10 0:07
APR	0:16 0:10	0:07 0:07	0:14 0:09	0:09 0:07
MAY	0:16 0:10	0:07 0:07	0:14 0:12	0:08 0:07
JUN	0:18 0:12	0:09 0:05	0:15 0:10	0:08 0:05
JUL	0:17 0:11	0:08 0:07	0:15 0:10	0:08 0:05
AUG	0:17 0:11	0:08 0:07	0:16 0:12	0:10 0:07
SEP	0:17 0:12	0:08 0:04	0:16 0:12	0:10 0:04
OCT	0:16 0:10	0:07 0:07	0:16 0:10	0:10 0:08
NOV	0:15 0:11	0:07 0:06	0:15 0:08	0:09 0:08
DEC	0:17 0:10	0:10 0:10	0:15 0:07	0:10 0:04

NOMINAL GROUND TIME = 9.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 5.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT (ORD)

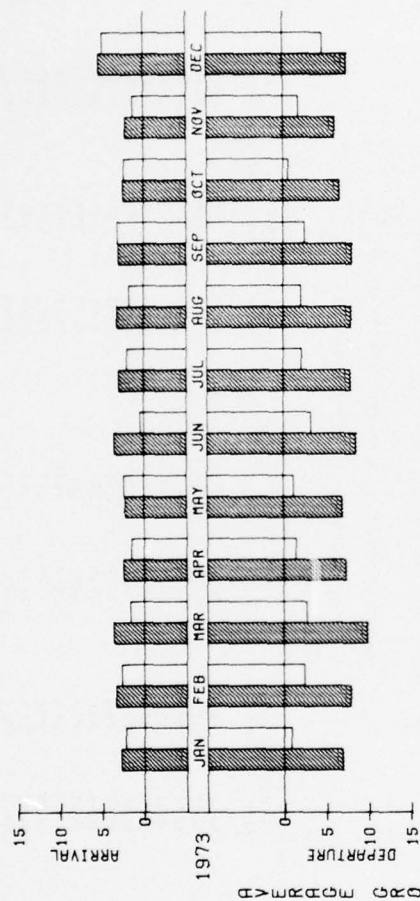
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL	DEPARTURES BUSY DULL	ARRIVALS BUSY DULL
JAN	6974 721	7145 820	7309 99	7215 126
FEB	7509 692	7653 881	6793 460	6656 683
MAR	8106 755	8200 955	7288 501	7388 691
APR	7601 695	7655 886	6912 455	7098 646
MAY	8379 745	8526 1004	4402 516	4322 420
JUN	6900 650	7312 956	3584 268	3690 302
JUL	7068 680	7306 922	3594 240	3703 287
AUG	8451 923	8876 1084	9004 751	8950 899
SEP	7698 766	7669 908	7637 658	7737 757
OCT	7192 786	7482 905	7514 683	7706 706
NOV	6320 626	7482 745	7104 347	7177 655
DEC	6352 524	6381 615	6428 309	6813 622
TOTAL	89150 8563	90582 10681	72374 5087	73455 6884

FIGURE II-2-15

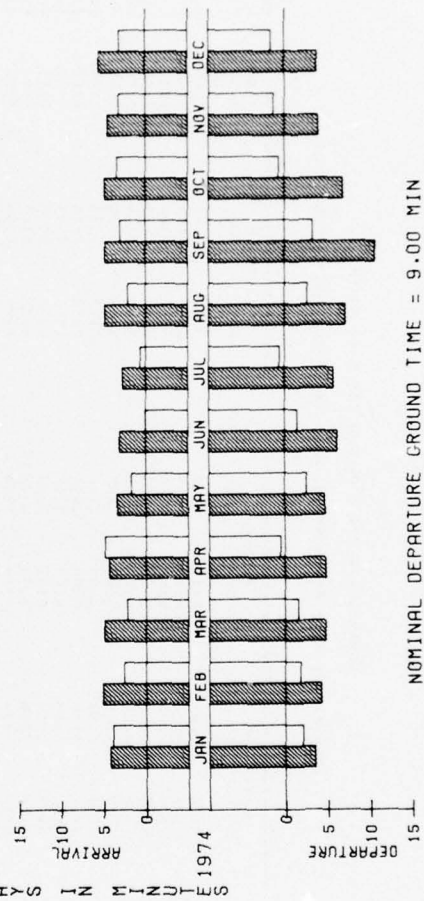
ORD

NOMINAL ARRIVAL GROUND TIME = 5.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

NOMINAL ARRIVAL GROUND TIME = 5.00 MIN



NOMINAL DEPARTURE GROUND TIME = 9.00 MIN

TABLE II-2-16

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSV VS. DULL INTERVALS FOR AIRPORT PHL

	1973		1974	
	DEPARTURES RUSV	ARRIVALS DULL	DEPARTURES RUSV	ARRIVALS DULL
JAN	0:08	0:07	0:07	0:06
FEB	0:08	0:08	0:09	0:06
MAR	0:09	0:08	0:09	0:05
APR	0:10	0:09	0:08	0:07
MAY	0:12	0:09	0:07	0:05
JUN	0:14	0:10	0:08	0:04
JUL	0:10	0:07	0:09	0:05
AUG	0:11	0:08	0:10	0:06
SEP	0:11	0:08	0:10	0:07
OCT	0:13	0:08	0:08	0:07
NOV	0:10	0:09	0:08	0:07
DEC	0:10	0:09	0:07	0:06

NOMINAL GROUND TIME = 7.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

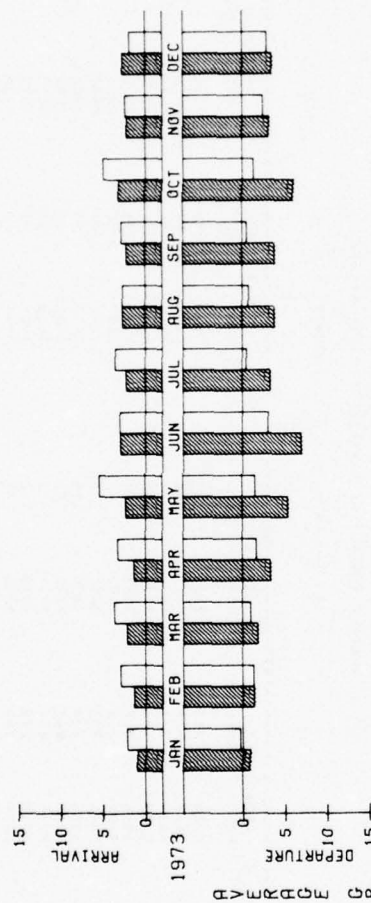
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT PHL
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSV	ARRIVALS DULL	DEPARTURES RUSV	ARRIVALS DULL
JAN	3216	185	1180	65
FEB	3442	376	2703	159
MAR	3677	598	2603	184
APR	3554	551	2401	103
MAY	3774	414	2319	84
JUN	3507	293	2057	80
JUL	3517	266	1997	82
AUG	3966	548	3451	246
SEP	3507	292	3125	194
OCT	2985	258	3190	205
NOV	3025	223	2491	200
DEC	2642	155	2924	181
TOTAL	40896	5563	50845	1715

FIGURE II-2-16

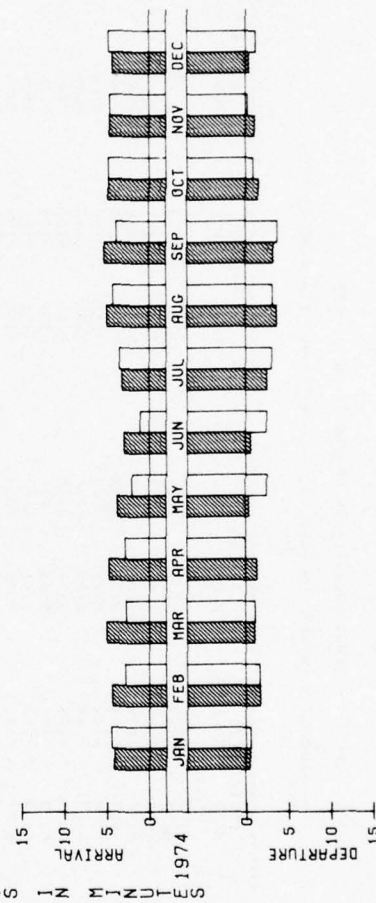
PHL

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 7.00 MIN

TABLE II-2-17

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR HUSY VS. DULL INTERVALS FOR AIRPORT PIT

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	0:07 0:04	0:03 0:02	0:03 0:02	0:04 0:02
FEB	0:07 0:04	0:03 0:02	0:05 0:02	0:05 0:05
MAR	0:07 0:04	0:03 0:02	0:05 0:05	0:05 0:05
APR	0:07 0:04	0:02 0:02	0:04 0:05	0:04 0:04
MAY	0:07 0:05	0:04 0:02	0:05 0:05	0:04 0:04
JUN	0:07 0:05	0:03 0:02	0:05 0:04	0:04 0:04
JUL	0:09 0:05	0:04 0:02	0:06 0:03	0:05 0:05
AUG	0:09 0:04	0:03 0:02	0:07 0:03	0:05 0:04
SEP	0:09 0:04	0:03 0:02	0:05 0:02	0:05 0:05
OCT	0:07 0:05	0:02 0:02	0:05 0:02	0:05 0:05
NOV	0:07 0:05	0:02 0:02	0:05 0:02	0:05 0:05
DEC	0:06 0:05	0:03 0:02	0:05 0:03	0:06 0:06

MONTHLY GROUND TIME = 2.0 MINUTES FOR DEPARTURES

MONTHLY GROUND TIME = 2.0 MINUTES FOR ARRIVALS

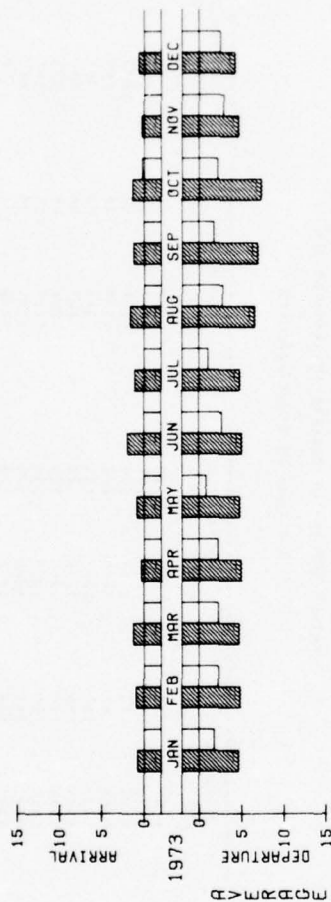
MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT PIT
TO AND FROM 14 STUDY AIRPORTS

	1973		1974	
	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL	DEPARTURES HUSY DULL	ARRIVALS HUSY DULL
JAN	3256 247	3526 84	1144 32	935 1
FEB	3141 271	3279 102	2808 27	2470 0
MAR	3437 223	3484 85	2530 31	2573 0
APR	3227 184	3271 81	2425 50	2406 0
MAY	3446 212	3495 82	1946 31	2005 0
JUN	3322 204	3172 79	1827 50	1901 0
JUL	3419 203	3254 79	1860 50	1947 0
AUG	3553 246	3470 115	3478 31	3944 26
SEP	3278 237	3236 83	3506 40	3554 6
OCT	2715 281	2911 72	3664 31	3660 0
NOV	2779 279	2787 106	3240 27	3307 0
DEC	2432 109	2695 31	3141 24	3240 0
TOTAL	34445 2696	34340 999	32049 354	32342 33

FIGURE II-2-17

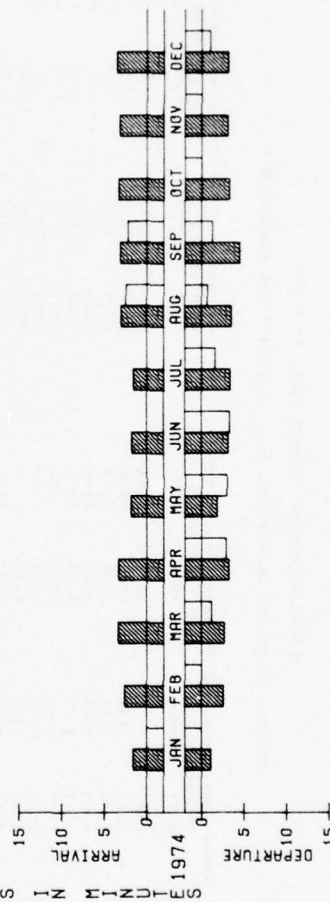
PIT

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 2.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 2.00 MIN

TABLE II-2-18

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT SFA

	1973		1974	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	0:07 0:08	0:05 0:05	0:05 0:07	0:08 0:05
FEB	0:06 0:08	0:03 0:02	0:07 0:07	0:05 0:05
MAR	0:06 0:08	0:04 0:02	0:06 0:07	0:05 0:04
APR	0:07 0:07	0:05 0:02	0:06 0:05	0:05 0:07
MAY	0:07 0:05	0:03 0:02	0:08 0:08	0:07 0:10
JUN	0:07 0:07	0:03 0:02	0:10 0:07	0:06 0:12
JUL	0:07 0:07	0:03 0:02	0:09 0:06	0:07 0:09
AUG	0:08 0:08	0:03 0:02	0:08 0:07	0:06 0:04
SEP	0:08 0:08	0:03 0:02	0:08 0:07	0:05 0:06
OCT	0:08 0:08	0:03 0:03	0:07 0:06	0:06 0:05
NOV	0:09 0:09	0:03 0:02	0:06 0:06	0:05 0:05
DEC	0:09 0:09	0:03 0:04	0:07 0:07	0:05 0:05

NOMINAL GROUND TIME = 6.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT SFA

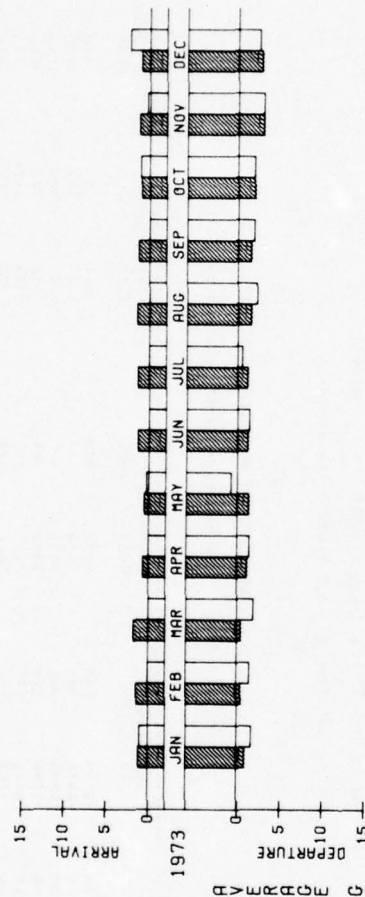
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL	DEPARTURES RUSY DULL	ARRIVALS RUSY DULL
JAN	1187 174	1206 114	99 51	69 0
FEB	1120 157	1192 107	1041 117	1099 77
MAR	1200 170	1511 124	1157 136	1220 91
APR	1208 163	1284 112	1109 118	1164 87
MAY	1537 161	1588 151	247 62	431 26
JUN	1179 156	1212 122	247 60	393 26
JUL	1206 144	1265 126	256 61	423 23
AUG	1415 175	1479 134	1408 205	1561 102
SEP	1327 141	1288 120	1175 178	1412 91
OCT	1332 140	1276 123	1166 174	1389 99
NOV	1164 153	1227 97	742 150	889 35
DEC	1153 126	1168 92	742 139	877 33
TOTAL	14468 1443	15366 1402	9454 1412	10927 690

FIGURE II-2-18

SEA

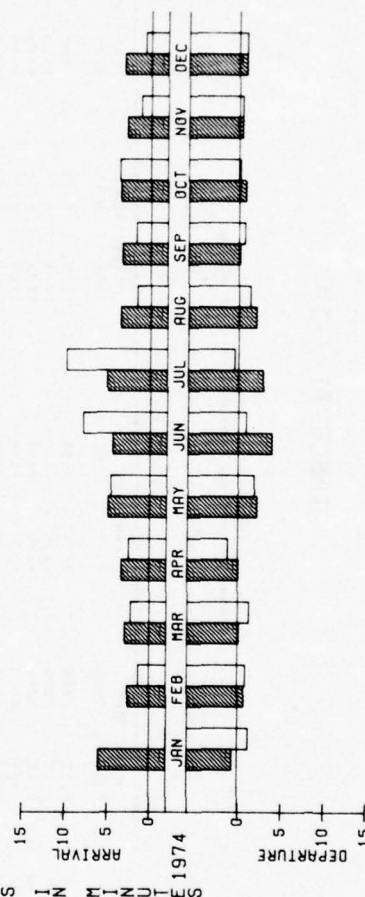
NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



BUSY
IDLE

NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 6.00 MIN

TABLE II-2-19

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH
MONTHLY AVERAGES FOR BUSY VS. DULL INTERVALS FOR AIRPORT SFII

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	BUSY	DULL	BUSY	DULL
JAN	0:11	0:04	0:15	0:13
FEB	0:12	0:09	0:10	0:06
MAR	0:11	0:09	0:09	0:06
APR	0:11	0:04	0:09	0:07
MAY	0:12	0:04	0:10	0:07
JUN	0:12	0:10	0:10	0:05
JUL	0:12	0:04	0:11	0:07
AUG	0:12	0:10	0:13	0:06
SEP	0:12	0:09	0:11	0:06
OCT	0:12	0:04	0:10	0:07
NOV	0:12	0:09	0:10	0:06
DEC	0:11	0:09	0:10	0:07

NOMINAL GROUND TIME = 4.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 3.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT SFII

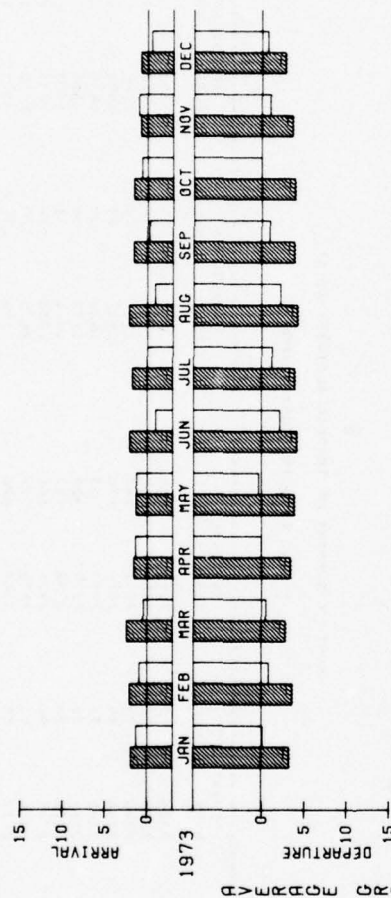
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES	ARRIVALS	DEPARTURES	ARRIVALS
	BUSY	DULL	BUSY	DULL
JAN	3139	534	366	53
FEB	2970	511	2619	337
MAR	3240	541	2707	307
APR	3194	529	2550	326
MAY	3406	575	403	117
JUN	3153	503	772	114
JUL	3197	507	734	117
AUG	3443	404	3361	447
SEP	3029	529	2978	544
OCT	2954	504	2928	366
NOV	2377	274	2165	244
DEC	2440	286	2142	269
TOTAL	36670	5953	24127	3209

FIGURE II-2-19

SFO

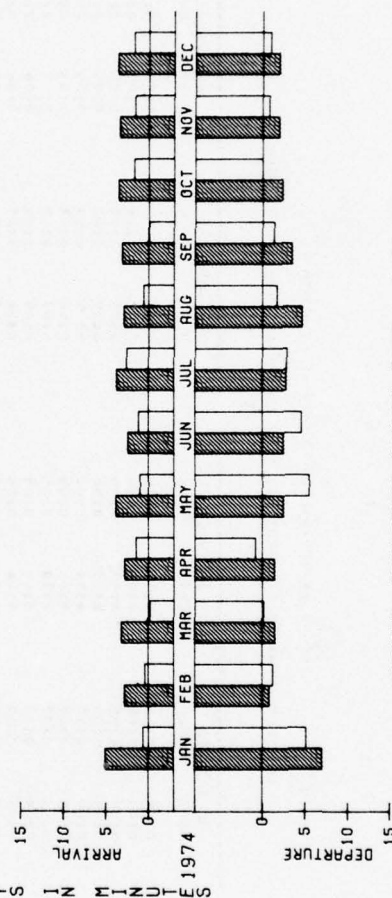
NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



BUSY
DULL

NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

NOMINAL ARRIVAL GROUND TIME = 3.00 MIN



NOMINAL DEPARTURE GROUND TIME = 8.00 MIN

TABLE II-2-20

DEPARTURE/ARRIVAL GROUND TIMES BY MONTH

MONTHLY AVERAGES FOR RUSY VS. DULL INTERVALS FOR AIRPORT STL

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	0:09	0:05	0:08	0:06
FEB	0:09	0:05	0:07	0:05
MAR	0:09	0:05	0:07	0:06
APR	0:09	0:05	0:07	0:05
MAY	0:09	0:05	0:07	0:05
JUN	0:09	0:05	0:07	0:05
JUL	0:09	0:05	0:07	0:05
AUG	0:09	0:05	0:07	0:05
SEP	0:09	0:05	0:07	0:05
OCT	0:09	0:05	0:07	0:05
NOV	0:09	0:05	0:07	0:05
DEC	0:09	0:05	0:07	0:05

NOMINAL GROUND TIME = 5.0 MINUTES FOR DEPARTURES

NOMINAL GROUND TIME = 2.0 MINUTES FOR ARRIVALS

MONTHLY SUMMARY OF TRAFFIC ACTIVITY AT STL

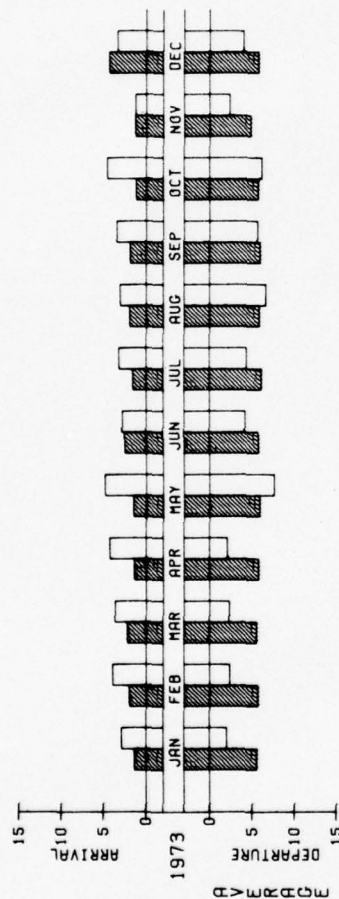
TO AND FROM 19 STUDY AIRPORTS

	1973		1974	
	DEPARTURES RUSY	ARRIVALS DULL	DEPARTURES RUSY	ARRIVALS DULL
JAN	2245	2185	247	246
FEB	2295	2369	148	1922
MAR	2494	2602	1978	2082
APR	2340	2439	1942	1996
MAY	2361	2472	1646	1535
JUN	2180	2277	1479	1364
JUL	2228	2392	1464	1344
AUG	2745	2775	2914	2831
SEP	2430	2472	2675	2540
OCT	2417	2462	2764	2593
NOV	1500	1557	2471	2406
DEC	1483	1534	2389	2285
TOTAL	26757	27554	24417	23744

FIGURE II-2-20

STL

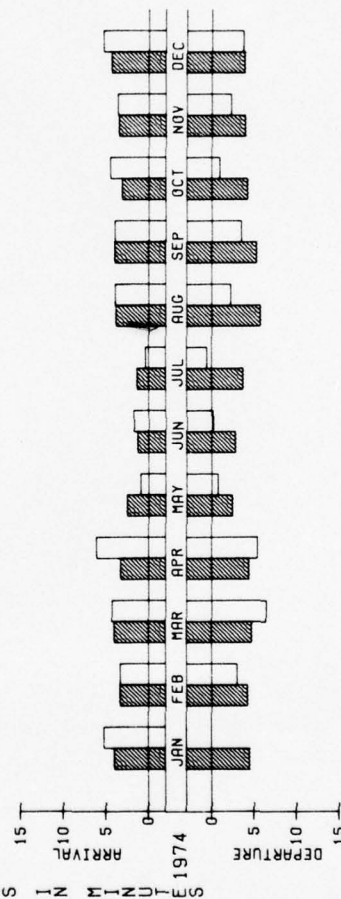
NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



BUSY
DULL

NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

NOMINAL ARRIVAL GROUND TIME = 2.00 MIN



NOMINAL DEPARTURE GROUND TIME = 3.00 MIN

CHAPTER III. ROUTE SEGMENT DELAYS: AIRBORNE AND GROUND BY AIRCRAFT TYPE

Chapter III presents tables and figures showing route segment delays, both airborne and ground, during 1973 and 1974. These are shown in quarterly averages by aircraft type for five route segments. Flight activity shown represents the number of flights of designated aircraft types over individual route segments.

The aircraft types can be broken down as follows:

Wide-body:	B-747, L1011, DC-10
Jet/4 Engine:	B-707, B-720, DC-8, CV-880
Jet/3 Engine:	B-727
Jet/2 Engine:	DC-9, B-111, B-737
Props:	CV-580, L-188, L-100, FH-227, DHC-6

TABLE III-1-1

AIRBORNE AND GROUND DELAYS BY AIRCRAFT TYPE
 QUARTERLY AVERAGES FOR ROUTE SEGMENT ATL >>> OFW

-----1973-----										-----1974-----										TOTAL
JAN-MAR					APR-JUN					JUL-SEP					OCT-DEC					TOTAL
TOTAL					TOTAL					TOTAL					TOTAL					TOTAL
WIDE BODY JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0111	0105	0103	0110	0107	0107	0107	0107	0107	0107	0107
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0106	0107	0107	0107	0107	0107	0107	0107	0107	0107	0107
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	170	329	359	365	365	1223	1223	1223	1223	1223	1223
NOMINAL AIR TIME = 1135										NOMINAL GROUND TIME = 0111										
FOUR ENGINE JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0112	0107	0105	0111	0109	0109	0109	0109	0109	0109	0109
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0106	0107	0107	0107	0107	0107	0107	0107	0107	0107	0107
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	211	247	227	257	257	942	942	942	942	942	942
NOMINAL AIR TIME = 1135										NOMINAL GROUND TIME = 0111										
THREE ENGINE JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0110	0103	0100	0107	0104	0104	0104	0104	0104	0104	0104
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0102	0104	0104	0104	0104	0104	0104	0104	0104	0104	0104
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	115	302	276	161	161	854	854	854	854	854	854
NOMINAL AIR TIME = 1135										NOMINAL GROUND TIME = 0111										
TWO ENGINE JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0118	0111	0107	0115	0112	0112	0112	0112	0112	0112	0112
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0103	0103	0103	0103	0103	0103	0103	0103	0103	0103	0103
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	117	175	156	72	72	520	520	520	520	520	520
NOMINAL AIR TIME = 1135										NOMINAL GROUND TIME = 0111										
PROPELLER AIR	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
TOTAL	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0113	0106	0103	0110	0107	0107	0107	0107	0107	0107	0107
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	0105	0105	0106	0106	0106	0106	0106	0106	0106	0106	0106
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	613	1053	1018	855	855	3539	3539	3539	3539	3539	3539
NOMINAL AIR TIME = 1135										NOMINAL GROUND TIME = 0111										

NF = NO FLIGHTS

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-1-1

AIRBORNE AND GROUND DELAYS
BY AIRCRAFT TYPE
1973-74 QUARTERLY AVERAGES
FOR ROUTE SEGMENT ATL TO DFW

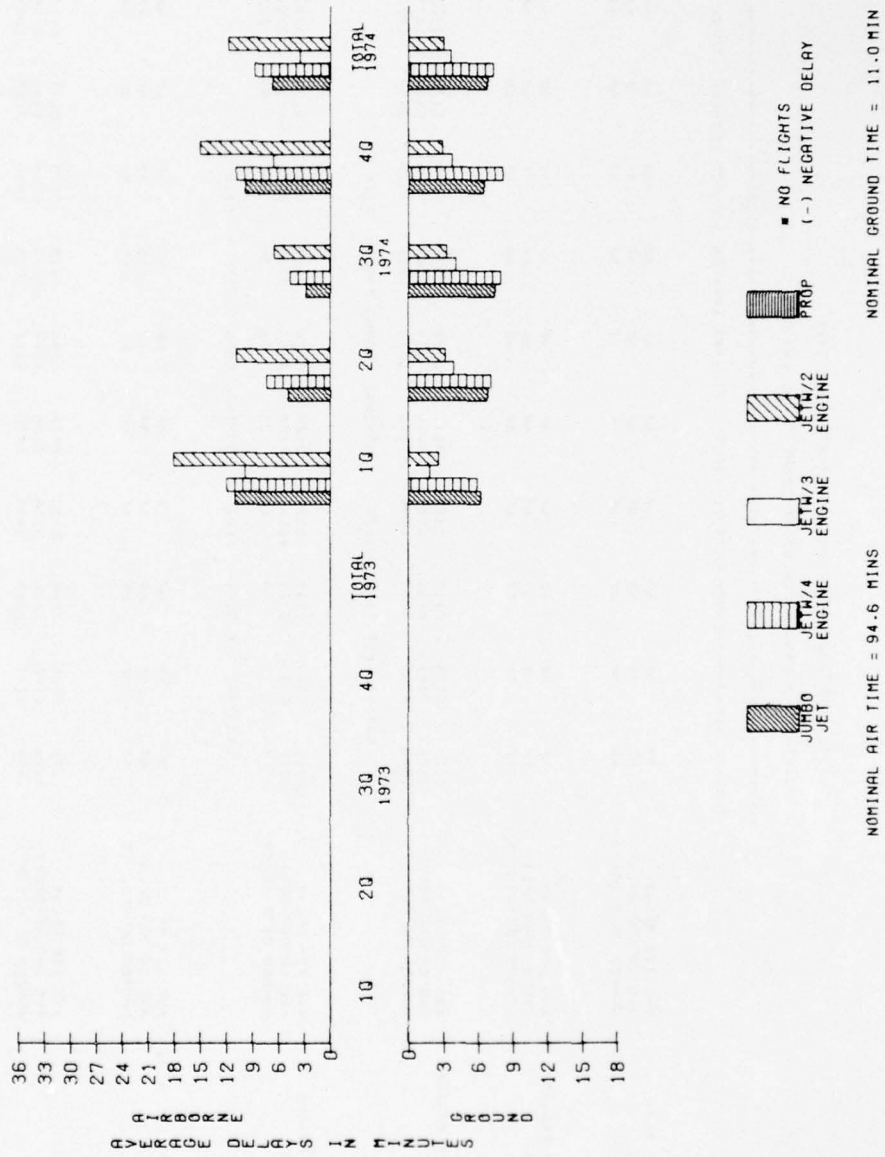


TABLE III-1-2

AIRBORNE AND GROUND DELAYS BY AIRCRAFT TYPE													
QUARTERLY AVERAGES FOR ROUTE SEGMENT DCA >>> ORD													
-----1973-----1974-----													
JAN-MAR APR-JUN JUL-SEP OCT-DEC TOTAL JAN-MAR APR-JUN JUL-SEP OCT-DEC TOTAL													
WIDE BODY JETS	AVG ATR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
FOUR ENGINE	AVG ATR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
THREE ENGINE JETS	AVG ATR DELAY	0124	0115	0114	0118	0117	0124	0119	0123	0123	0122	0120	0120
	AVG GROUND DELAY	0106	0106	0106	0105	0106	0104	0105	0105	0104	0105	0105	0105
	NUMBER OF FLIGHTS	1886	2140	2087	1890	8003	1374	1029	1579	2056	6038	14041	14041
NOMINAL ATR TIME = 1:22 NOMINAL GROUND TIME = 0:14													
TWO ENGINE JETS	AVG ATR DELAY	0120	0114	0131	0124	0124	0126	0118	0119	0123	0122	0122	0122
	AVG GROUND DELAY	0101	0100	0101	0100	0100	0103	0105	0100	0101	0101	0101	0101
	NUMBER OF FLIGHTS	8	1	4	10	23	33	34	60	86	213	236	236
NOMINAL ATR TIME = 1:22 NOMINAL GROUND TIME = 0:14													
PROPELLER ATR.	AVG ATR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
TOTAL	AVG ATR DELAY	0124	0115	0114	0118	0117	0124	0118	0123	0123	0122	0120	0120
	AVG GROUND DELAY	0106	0106	0106	0105	0106	0104	0105	0105	0104	0105	0105	0105
	NUMBER OF FLIGHTS	1894	2141	2091	1900	8026	1407	1063	1639	2142	6251	14277	14277
NOMINAL ATR TIME = 1:22 NOMINAL GROUND TIME = 0:14													

NF = NO FLIGHTS

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-1-2
 AIRBORNE AND GROUND DELAYS
 BY AIRCRAFT TYPE
 1973-74 QUARTERLY AVERAGES
 FOR ROUTE SEGMENT DCA TO ORD

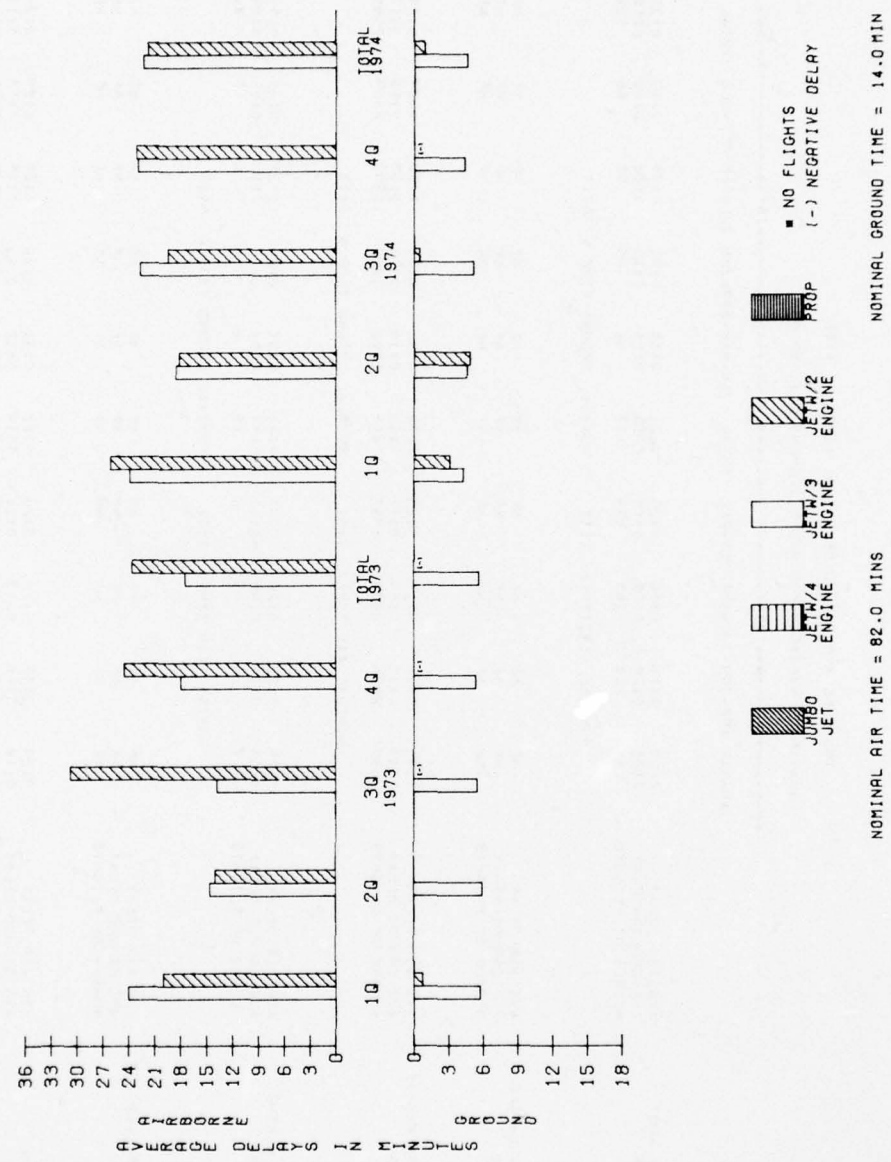


TABLE III-1-3

AIRBORNE AND GROUND DELAYS BY AIRCRAFT TYPE

QUARTERLY AVERAGES FOR ROUTE SEGMENT LGA ==> ORD

-----1973-----1974-----													TOTAL
JAN-MAR APR-JUN JUL-SEP OCT-DEC				TOTAL				JAN-MAR APR-JUN JUL-SEP OCT-DEC				TOTAL	
WIDE BODY JETS	AVG AIR DELAY	0129	0116	0119	0125	0121	0135	0128	0139	0130	0135	0125	
	AVG GROUND DELAY	0120	0120	0117	0115	0118	0114	0115	0126	0120	0119	0119	
	NUMBER OF FLIGHTS	151	218	243	135	747	61	85	92	86	324	1071	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					
FOUR ENGINE JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					
THREE ENGINE JETS	AVG AIR DELAY	0129	0118	0119	0123	0122	0131	0123	0128	0129	0128	0125	
	AVG GROUND DELAY	0113	0115	0113	0111	0113	0110	0111	0115	0113	0113	0113	
	NUMBER OF FLIGHTS	2637	2804	2828	1952	10221	1702	1422	1497	2469	7590	17811	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					
TWO ENGINE JETS	AVG AIR DELAY	0129	0123	0126	0127	0126	0137	0129	0131	0128	0131	0130	
	AVG GROUND DELAY	0105	0110	0108	-0101	0107	0104	0112	0110	0105	0109	0109	
	NUMBER OF FLIGHTS	7	6	5	1	19	4	1	36	3	44	63	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					
PROPELLER AIR.	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					
TOTAL	AVG AIR DELAY	0129	0118	0119	0123	0122	0131	0124	0129	0129	0128	0125	
	AVG GROUND DELAY	0114	0116	0113	0111	0114	0110	0111	0115	0113	0113	0113	
	NUMBER OF FLIGHTS	2795	3028	3076	2088	10987	1767	1508	2125	2558	7958	18945	
	NOMINAL AIR TIME =	1131			NOMINAL GROUND TIME =			0113					

NF = NO FLIGHTS

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-1-3

AIRBORNE AND GROUND DELAYS
BY AIRCRAFT TYPE
1973-74 QUARTERLY AVERAGES
FOR ROUTE SEGMENT LGA TO ORD

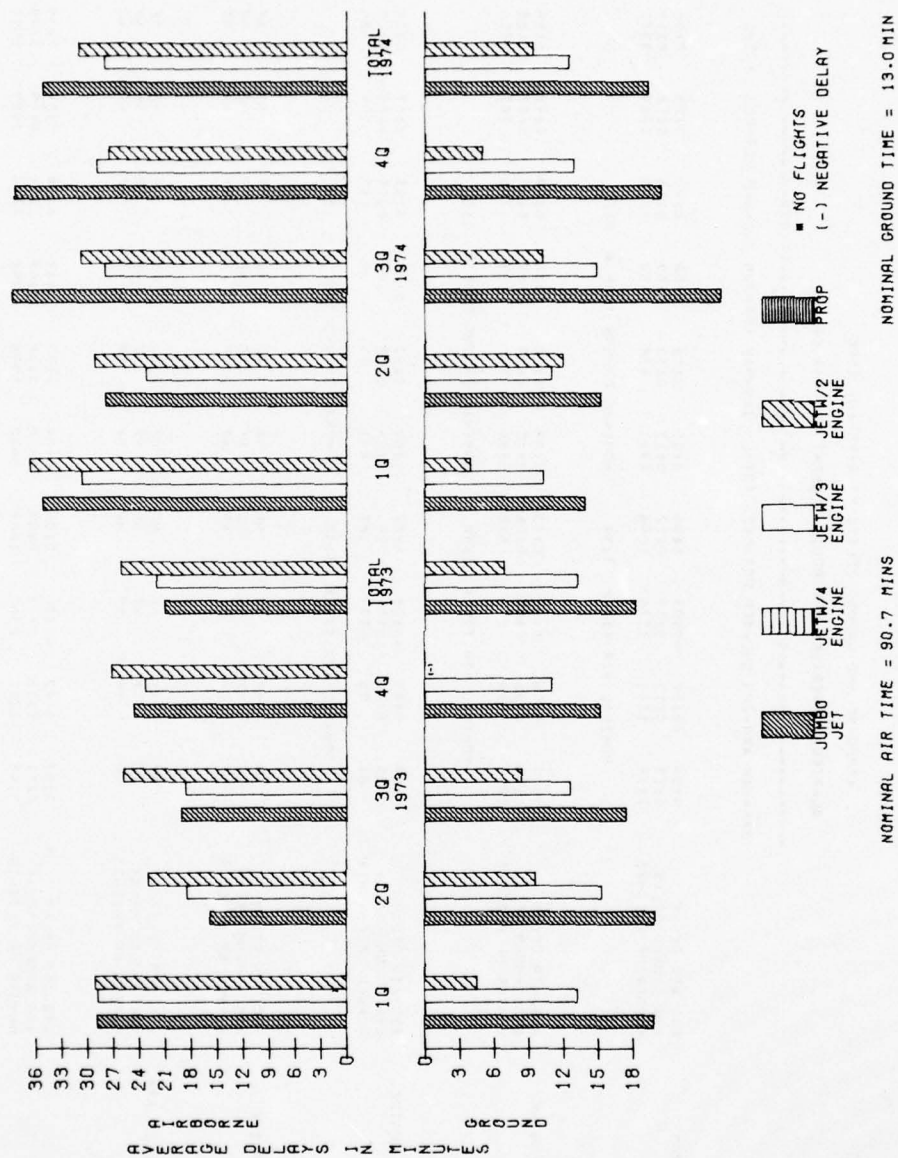


TABLE III-1-4

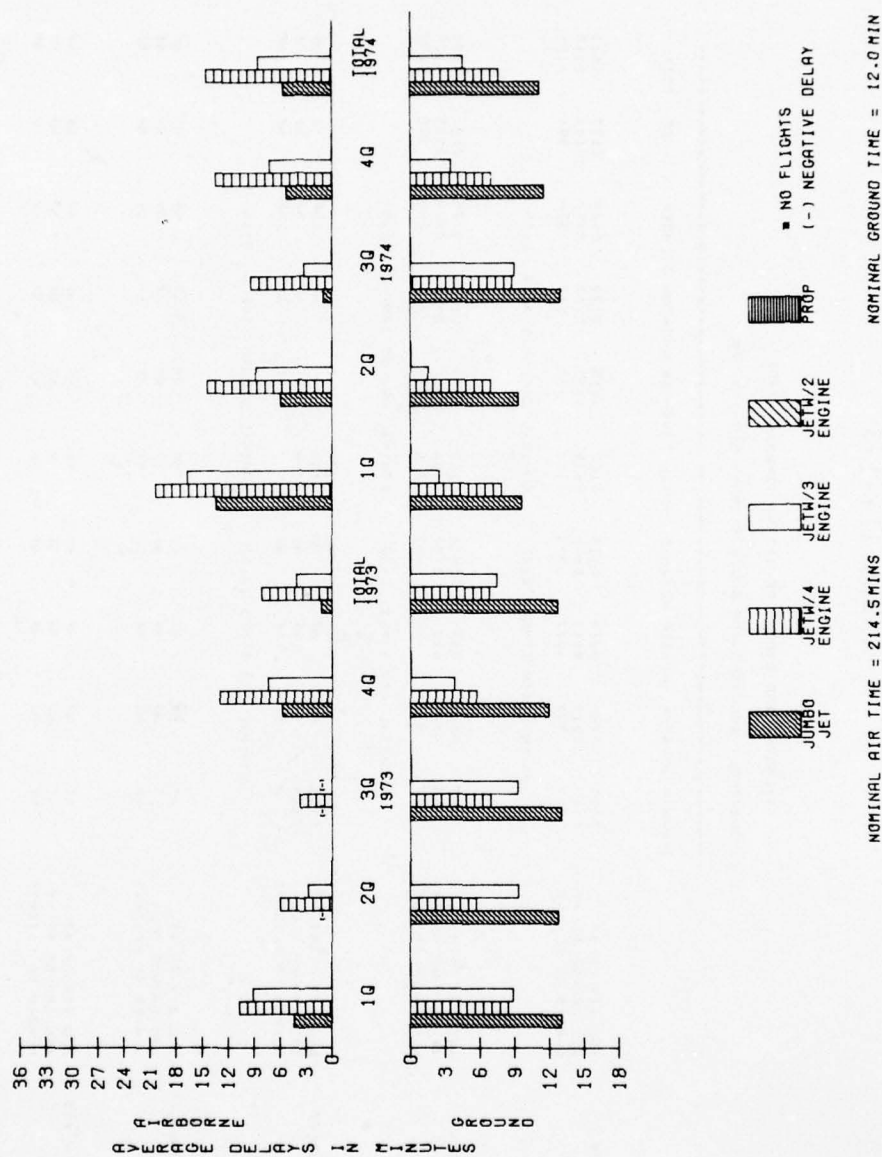
AIROBORNE AND GROUND DELAYS BY AIRCRAFT TYPE
 QUARTERLY AVERAGES FOR ROUTE SEGMENT ORD → LAX

		-----1973-----1974-----												TOTAL	
		JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	TOTAL	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	TOTAL				
WIDE BODY JETS	AVG AIR DELAY	0104	-0101	-0103	0106	0101	0113	0106	0101	0105	0106			0103	
	AVG GROUND DELAY	0113	0113	0113	0112	0113	0110	0109	0113	0112	0110			0111	
	NUMBER OF FLIGHTS	1109	1303	1378	1093	4883	628	634	1020	1089	3371			0112	
		NOMINAL AIR TIME = 3134					NOMINAL GROUND TIME = 0112							6254	
FOUR ENGINE JETS	AVG AIR DELAY	0111	0106	0104	0113	0108	0120	0114	0109	0114	0115			0111	
	AVG GROUND DELAY	0108	0106	0107	0106	0107	0108	0107	0109	0107	0108			0107	
	NUMBER OF FLIGHTS	1005	864	877	648	3394	768	555	706	787	2616			6210	
		NOMINAL AIR TIME = 3134					NOMINAL GROUND TIME = 0112								
THREE ENGINE JETS	AVG AIR DELAY	0109	0103	-0103	0107	0104	0117	0109	0103	0107	0109			0106	
	AVG GROUND DELAY	0109	0109	0104	0104	0108	0103	0102	0109	0104	0105			0106	
	NUMBER OF FLIGHTS	81	90	105	127	403	90	69	118	109	386			789	
		NOMINAL AIR TIME = 3134					NOMINAL GROUND TIME = 0112								
TWO ENGINE JETS	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
														NF	
PROPELLER AIR.	AVG AIR DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
	AVG GROUND DELAY	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
	NUMBER OF FLIGHTS	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF			NF	
														NF	
TOTAL	AVG AIR DELAY	0107	0102	-0100	0108	0104	0117	0110	0104	0109	0110			0106	
	AVG GROUND DELAY	0111	0110	0111	0109	0110	0108	0108	0111	0109	0110			0110	
	NUMBER OF FLIGHTS	2195	2257	2360	1868	8680	1486	1258	1844	1985	6573			15253	
		NOMINAL AIR TIME = 3134					NOMINAL GROUND TIME = 0112								

NF = NO FLIGHTS

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-1-4
 AIRBORNE AND GROUND DELAYS
 BY AIRCRAFT TYPE
 1973-74 QUARTERLY AVERAGES
 FOR ROUTE SEGMENT ORD TO LAX



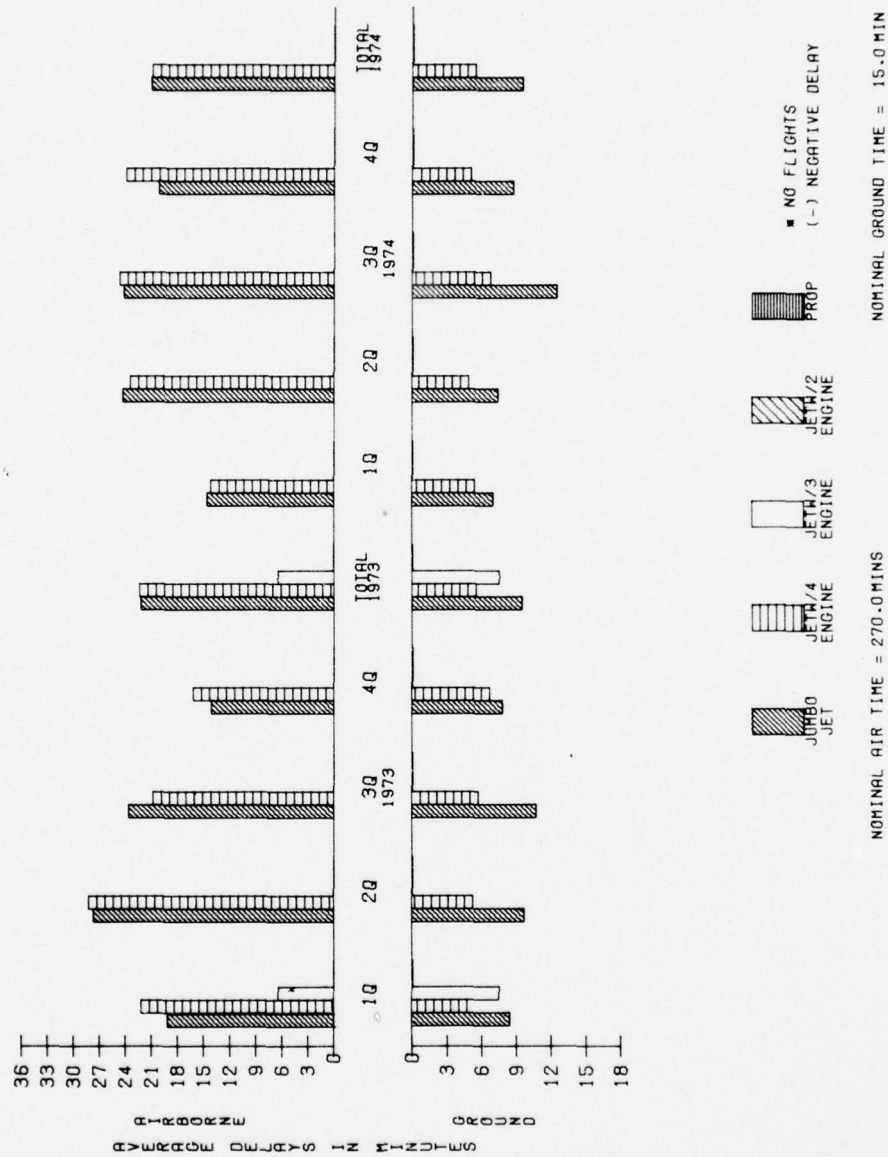
AIRBORNE AND GROUND DELAYS BY AIRCRAFT TYPE
 QUARTERLY AVERAGES FOR ROUTE SEGMENT SF0 ==> JFK

NE • NO FLIGHTS

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE III-1-5

AIRBORNE AND GROUND DELAYS
BY AIRCRAFT TYPE
1973-74 QUARTERLY AVERAGES
FOR ROUTE SEGMENT SFO TO JFK



CHAPTER IV. SUMMARY: COMPOSITE INDICES AND TREND COMPARISONS FOR ALL DELAY CATEGORIES

Chapter IV is made up of five parts:

- Table IV-1 and Figure IV-1 show monthly averages of airborne and ground route segment delays during 1973 and 1974. This is a composite segment of the top 50 routes. Table IV-1 and Figure IV-1 can be found on pages 366 and 367.
- Section IV-2 shows annual averages for airborne delays and flight activity for all flights arriving at 20 designated airports during 1973 and 1974. Tables IV-2-1 to IV-2-20 cover pages 368 to 387.
- Section IV-3 contains the same kind of information as Section IV-2, except for flights departing from the 20 designated airports. These tables are on pages 388 to 407.
- Section IV-4 contains monthly averages for airborne delays and flight activity arriving at 20 designated airports during 1973 and 1974. Tables IV-4-1 to IV-4-20 can be found on pages 408 to 427.
- Section IV-5 contains the hourly distributions of airborne delays and flight activity arriving at 20 designated airports during 1973 and 1974. Tables IV-5-1 to IV-5-20 cover pages 428 to 447.

TABLE IV-1

ROUTE SEGMENT DELAYS: AIRBORNE AND GROUND MONTHLY AVERAGES 1973 THROUGH 1974,
COMPOSITE SEGMENT; AVERAGE OF TOP 50 ROUTES

MONTH	1973-----			1974-----		
	NO. OF FLIGHTS	AVG AIR DELAY	AVG GND TIME	NO. OF FLIGHTS	AVG AIR DELAY	AVG GND TIME
JANUARY	25932	0:10	0:17	11043	0:10	0:17
FEBRUARY	29470	0:11	0:18	24563	0:10	0:17
MARCH	32042	0:12	0:18	25833	0:10	0:17
APRIL	30663	0:09	0:17	24821	0:09	0:16
MAY	35114	0:09	0:17	19858	0:10	0:16
JUNE	28538	0:09	0:19	17638	0:10	0:17
JULY	28262	0:08	0:18	16865	0:09	0:16
AUGUST	33966	0:08	0:18	32240	0:11	0:18
SEPTEMBER	29681	0:09	0:18	27963	0:13	0:19
OCTOBER	28226	0:09	0:17	28166	0:12	0:18
NOVEMBER	26824	0:08	0:16	25758	0:11	0:17
DECEMBER	23902	0:10	0:17	23790	0:11	0:17
TOTAL	350664	0:09	0:18	278978	0:11	0:17

COMPOSITE NOMINAL AIRBORNE TIME = 1:10

---ALL TIMES ARE IN HOURS AND MINUTES---

FIGURE IV-1 ROUTE SEGMENT DELAYS: AIRBORNE AND GROUND MONTHLY AVERAGES 1973 THROUGH 1974, COMPOSITE SEGMENT; AVERAGE OF TOP 50 ROUTES

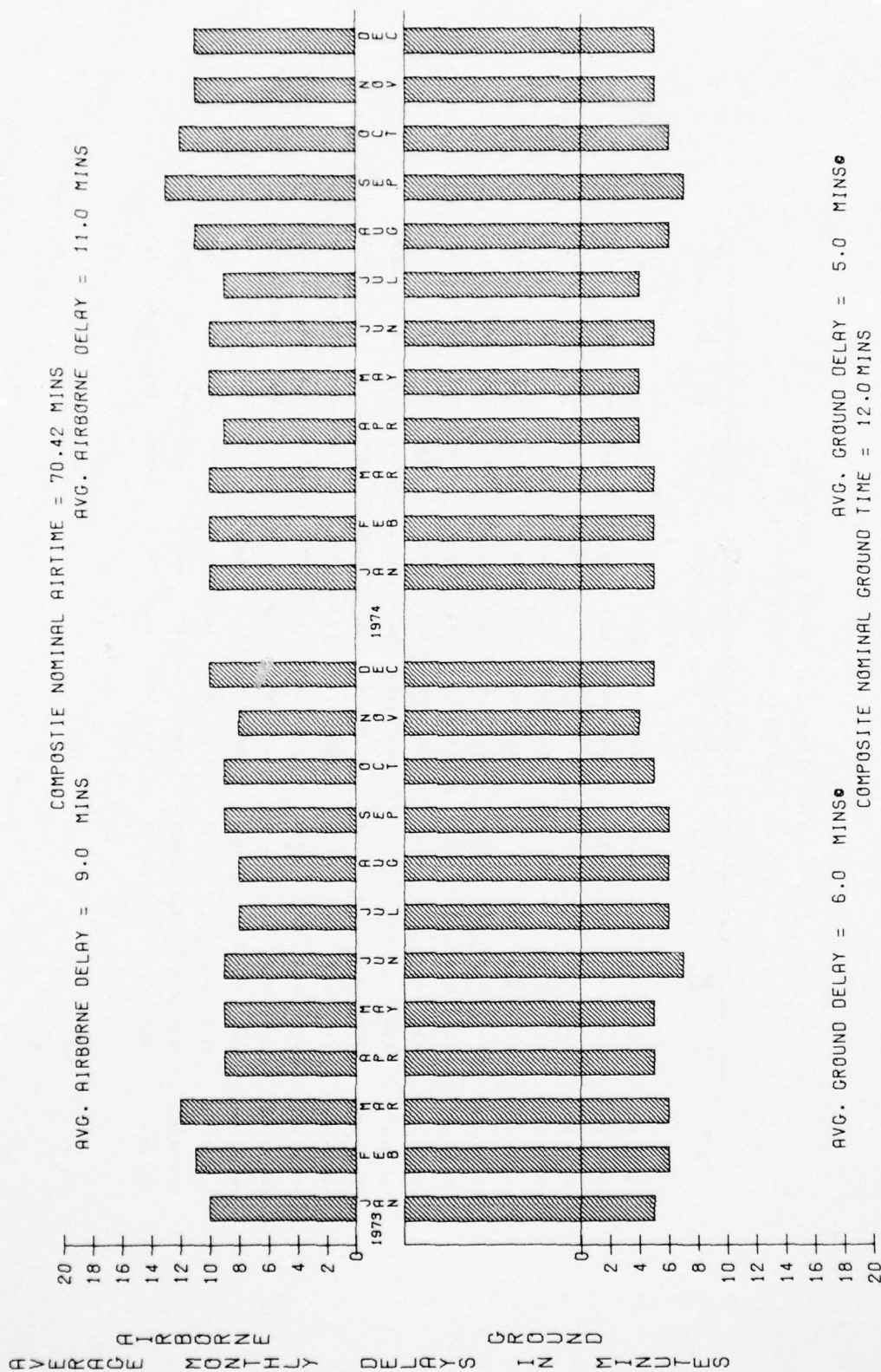


TABLE IV-2-1

AVERAGE YEARLY AIR, GROUND AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT ATL

ROUTE	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	AVG BLUCK	FLIGHTS	AVG AIR	AVG GND	AVG BLUCK	FLIGHTS	AVG AIR	AVG GND	AVG BLUCK
ROS => ATL	2196	151.6	17.3	149.0	1714	137.2	16.7	153.9	-474	5.5	-0.6	4.9
CLF => ATL	2099	83.5	13.7	97.2	1166	84.5	13.6	98.1	-933	1.0	-0.1	0.9
DCA => ATL	4700	85.9	14.9	100.8	4905	85.5	13.1	94.5	205	-0.5	-1.8	-2.3
DFW => ATL					3849	96.9	13.1	110.1				
DTW => ATL	1660	86.8	16.8	103.6	1223	87.3	13.9	101.2	-437	0.6	-2.9	-2.3
EMR => ATL	2779	104.2	17.5	125.7	2376	110.1	16.6	126.7	-403	1.9	-1.0	1.0
JFK => ATL	3252	104.0	24.6	129.3	2634	109.5	22.3	131.8	-614	4.9	-2.4	2.6
LAX => ATL	2824	217.4	17.1	234.5	2594	220.1	16.1	236.2	-230	2.7	-1.0	1.6
LGA => ATL	5719	112.1	20.5	132.6	4004	115.4	18.0	131.4	-285	1.3	-2.5	-1.2
MIA => ATL	5237	88.8	16.5	105.1	4173	89.9	15.0	104.8	-1064	1.0	-1.3	-0.3
MSP => ATL	1591	118.0	13.5	131.5	1695	117.5	13.5	131.1	102	-0.4	0.0	-0.4
MSY => ATL	4677	63.5	11.9	75.4	5150	66.3	11.1	77.4	-1527	2.8	-0.8	2.0
ORD => ATL	6696	83.0	21.0	104.0	4831	85.2	20.0	105.2	-1865	2.2	-1.0	1.2
PHL => ATL	4496	94.5	14.7	114.2	3994	102.9	13.7	116.6	-502	3.4	-1.0	2.5
PIT => ATL	2789	83.7	13.0	96.7	1961	81.4	12.9	94.3	-828	-2.3	-0.1	-2.4
SFO => ATL	1240	239.0	17.1	256.1	636	236.4	17.5	253.9	-604	-2.6	0.4	-2.2
STL => ATL	2652	68.6	13.0	81.6	2374	68.7	13.4	82.1	-278	0.1	0.4	0.5
ALL => ATL	52607				47241				-5326	1.6	-1.1	0.5

AVERAGE YEARLY AIR, RAIL, AND GROUND TRIPS
 FOR ROUTE SEGMENTS ARRIVING AT RUS

ROUTE	1973				1974				01 FEBRUARY			
	FLIGHTS	AVG ATW	AVG GND	AVG MUTCK	FLIGHTS	AVG ATW	AVG GND	AVG MUTCK	FLIGHTS	AVG ATW	AVG GND	AVG MUTCK
ATL => HOS	2008	115.1	17.7	152.8	1367	117.1	20.2	157.5	641	2.0	2.5	4.5
CLF => HOS	1782	74.9	10.8	89.7	1196	74.9	12.8	87.7	586	0.0	2.0	2.0
CCA => HOS	6608	58.8	15.5	74.5	6425	59.5	15.8	75.1	185	0.5	1.7	1.2
DEN => HOS	683	198.4	15.1	215.5	566	197.5	15.1	212.6	117	0.9	0.0	0.9
DFW => HOS					352	179.2	18.9	198.1				
DTW => HOS	1552	81.6	15.1	96.7	1825	79.9	14.6	94.5	293	1.7	0.5	2.5
FAF => HOS	5118	38.2	15.7	55.9	2286	37.3	17.5	54.5	2852	0.9	1.6	0.7
JFK => HOS	4494	33.7	20.5	58.2	2725	35.6	21.2	54.8	1771	0.1	3.5	3.4
LAX => HOS	1236	285.4	19.5	302.9	587	281.1	19.2	300.5	649	2.5	0.4	2.7
LGA => HOS	11551	34.5	19.6	54.1	11117	35.0	18.1	53.0	234	0.5	1.5	1.1
MIA => HOS	1898	151.4	15.9	167.5	1569	153.6	14.8	168.4	329	2.2	1.1	1.1
MSP => HOS	717	132.6	16.0	148.6	497	132.6	16.1	148.7	220	0.0	0.1	0.2
MWY => HOS	302	156.5	12.7	169.0	180	158.8	12.6	171.4	122	2.5	0.1	2.4
ORD => HOS	4809	103.5	20.7	124.0	4109	103.4	20.7	124.1	700	0.2	0.0	0.1
PHL => HOS	6997	49.2	12.8	62.0	7255	50.5	12.5	65.0	238	1.3	0.2	1.0
PIT => HOS	1752	68.2	10.7	79.0	1520	68.7	11.2	80.0	252	0.5	0.5	1.0
SFA => HOS	86	279.8	15.7	295.5	59	282.7	19.7	302.4	47	5.0	4.0	6.9
SEA => HOS	1054	295.1	19.8	312.8	460	287.6	22.3	309.8	594	5.5	2.5	3.0
STL => HOS	857	124.0	15.1	159.1	457	124.4	16.0	140.5	340	0.3	0.9	1.2
ALL => HOS	55264				44990				8774		0.7	0.0

TABLE IV-2-3

AVERAGE YEARLY AIR/BLUCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT CLF

ROUTE	1973				1974				INTERPUNCT			
	FLIGHTS	AVG AIR	AVG GND	BLUCK	FLIGHTS	AVG AIR	AVG GND	BLUCK	FLIGHTS	AVG AIR	AVG GND	BLUCK
ATL => CLF	2065	76.9	16.9	95.8	1128	77.7	16.5	94.0	-937	0.8	-0.6	0.1
BOS => CLF	1735	86.0	15.1	101.0	845	88.5	14.5	102.8	-890	2.6	-0.7	1.8
DCA => CLF	5162	59.2	15.7	69.9	1721	54.5	15.2	69.7	-1441	0.5	-0.5	-0.2
DEN => CLF	599	140.7	14.6	155.3	379	138.6	15.4	152.0	-20	-2.1	-1.2	-3.3
DFW => CLF	4709	26.3	10.0	36.4	711	122.7	17.5	140.2	-2020	-1.7	-0.6	-2.3
DTW => CLF	1910	65.4	15.8	81.2	2689	24.6	9.5	34.1	-704	0.9	1.0	1.9
FWA => CLF	969	68.0	23.4	91.4	1206	66.3	16.7	83.1	-208	3.0	-0.8	2.2
JFK => CLF	1822	228.9	17.3	246.2	761	71.0	22.6	93.6	-360	1.6	-0.5	1.0
LAX => CLF	4600	67.0	21.7	88.8	1062	250.5	16.7	247.2	-1273	0.6	-1.8	-1.2
LGA => CLF	808	138.2	15.8	154.0	5327	67.6	20.0	87.6	19	0.2	-1.7	-1.5
MIA => CLF	601	81.5	14.4	95.9	827	138.4	14.1	152.5	-154	-1.6	-1.5	-3.1
MSP => CLF	4509	48.2	19.3	67.5	447	79.9	13.0	92.9	-1365	-1.0	1.4	0.4
ORD => CLF	2779	60.0	14.7	74.7	3140	47.2	20.7	67.9	-1222	0.8	1.1	1.9
PHL => CLF	4213	26.8	10.8	37.6	1557	60.8	15.8	76.6	-1618	-0.4	0.5	0.1
PIT => CLF	358	241.3	18.5	259.8	2595	26.4	11.3	37.7	-120	-3.0	-0.4	-3.4
SFO => CLF	1542	65.2	14.8	80.0	238	238.3	18.1	256.4	-283	-0.5	-0.8	-1.3
STL => CLF					1294	60.8	14.0	74.7				
ALL => CLF	36219				24354				-11885	0.0	-0.2	-0.2

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TRANSPORTATION SYSTEMS CENTER CAMBRIDGE MASS F/G 1/2
AIRLINE DELAY TRENDS, 1973-1974. A STUDY OF BLOCK TIME DELAYS, --ETC(U)
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TABLE IV-2-4

AVERAGE YEARLY AIR, HUCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DCA

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => DCA	4752	74.1	17.0	4028	73.6	16.7	-704	-0.5	-0.2
BOS => DCA	6278	63.1	15.2	6590	63.7	15.1	312	0.6	-0.1
CLE => DCA	3159	51.5	12.4	1954	51.2	12.3	-1205	-0.2	-0.1
DTW => DCA	3067	62.5	13.5	1985	62.8	13.0	-1082	0.3	-0.5
EMW => DCA	3508	42.5	14.1	2520	41.0	14.2	-1028	-1.5	0.0
JFK => DCA	2025	42.4	19.9	600	40.8	18.7	-1425	-1.6	-1.3
LGA => DCA	10502	45.4	18.5	10632	45.4	16.5	130	0.0	-2.1
MIA => DCA	2808	117.7	14.8	2184	119.5	13.1	-624	3.8	-1.7
MSP => DCA	2056	115.4	14.4	1410	115.2	14.3	-646	-0.2	-0.3
ORD => DCA	7633	81.3	19.0	5785	81.3	19.5	-1848	0.1	0.6
PHL => DCA	3868	34.6	12.3	1590	34.2	10.7	-2278	3.6	-1.6
PIT => DCA	2688	30.1	11.9	1456	30.0	11.9	-1232	-0.2	-0.0
STL => DCA	1947	89.9	12.8	1347	90.0	13.5	-600	0.1	0.7
ALL => DCA	54311			42045			-12226	0.2	-0.6

TABLE IV-2-5

AVERAGE YEARLY AIR, MUCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DEN

ROUTE	1975				1974				1973				1972				1971			
	FLIGHTS	AIR	GND	MUCK	FLIGHTS	AIR	GND	MUCK	FLIGHTS	AIR	GND	MUCK	FLIGHTS	AIR	GND	MUCK	FLIGHTS	AIR	GND	MUCK
MUS >> DEN	710	230.2	16.0	246.2	556	239.7	16.2	255.9	-184	9.5	0.2	9.7								
CLF >> DEN	349	161.1	14.9	175.9	427	165.2	14.2	179.4	28	4.1	-0.6	3.5								
DEW >> DEN					4636	94.4	12.6	107.0												
OTL >> DEN	795	150.5	14.6	165.1	516	153.8	15.9	169.7	-277	3.5	1.5	4.6								
EWQ >> DEN	952	214.4	16.9	231.3	475	222.1	17.0	239.1	-457	7.7	0.1	7.8								
JFK >> DEN	2272	215.2	21.2	236.3	1046	223.4	22.6	246.1	-1226	8.2	1.5	9.7								
LAX >> DEN	5807	103.7	15.2	118.9	5246	104.0	15.9	119.9	-561	0.3	0.7	1.0								
MSD >> DEN	2808	95.5	12.5	107.8	1784	97.1	11.4	108.5	-1074	1.6	-0.9	0.7								
MSY >> DEN	151	135.5	11.1	146.6	300	139.7	10.7	150.4	149	4.2	-0.4	3.7								
ORD >> DEN	6311	117.7	19.4	137.0	4940	121.7	19.7	141.3	-1371	4.0	0.3	4.3								
PHL >> DEN	348	205.9	14.2	220.1	321	212.7	16.5	229.0	-77	6.8	2.1	8.9								
PIT >> DEN	83	162.4	14.8	177.2	134	174.6	15.8	190.5	51	12.2	1.0	13.2								
SFA >> DEN	2393	121.5	12.0	133.5	1999	121.1	12.9	134.0	-394	-0.4	0.9	0.5								
SEN >> DEN	3960	114.0	15.8	129.8	1941	115.3	17.0	132.3	-2019	1.3	1.3	2.6								
STL >> DEN	2516	107.5	17.5	125.0	2090	111.6	21.2	132.8	-426	4.1	3.7	7.8								
ALL >> DEN	27563				24361				-5202	5.1	0.9	4.0								

TABLE IV-2-6

AVERAGE YEARLY AIR TRAFFIC AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT DEN

ROUTE	1975			1974			DIFFERENCE		
	FITTS	AVG ATW	AVG GND	FITTS	AVG ATW	AVG GND	FITTS	AVG ATW	AVG GND
ATI => DEN				5539	101.8	16.7			118.5
HOS => DEN				392	211.4	16.4			227.8
CLF => DEN				608	159.7	15.7			153.4
DEN => DEN				4590	85.9	12.5			98.2
DTW => DEN				1188	157.8	15.6			151.4
FAO => DEN				1621	189.2	15.4			209.5
JFK => DEN				1809	187.8	25.1			212.9
LAX => DEN				4428	144.1	17.0			161.1
LGA => DEN				2252	190.5	21.6			211.8
MIA => DEN				1925	159.2	15.9			168.2
MSP => DEN				858	115.1	12.5			127.4
MSY => DEN				3452	64.5	10.4			78.9
ORD => DEN				5579	112.8	21.0			133.8
PHI => DEN				1128	177.5	17.6			195.0
PIT => DEN				763	145.6	12.8			158.4
SFA => DEN				775	191.4	11.9			203.3
SFO => DEN				2827	169.2	16.2			185.4
SIL => DEN				2157	79.5	15.3			92.6
ATI => DEN									90021

TABLE IV-2-7

AVERAGE YEARLY AIR, GROUND AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT DTW

ROUTE	1974			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => DTW	1767	80.0	19.9	1337	80.5	19.3	430	0.5	-0.7
BOS => DTW	1457	95.2	16.1	1601	95.1	15.8	144	-0.0	-0.3
CLE => DTW	5559	26.6	10.1	2938	25.1	9.9	2621	-1.5	-0.3
DCA => DTW	3141	66.7	14.7	2096	66.2	14.1	1045	-0.5	-0.6
DEN => DTW	713	130.3	19.8	520	131.2	14.1	193	-5.1	-0.7
DFW => DTW	2394	79.1	14.7	808	123.0	15.7	158.7		
EWR => DTW	1839	81.9	24.7	1362	79.1	14.9	47.0		
JFK => DTW	1819	221.0	14.4	1241	82.9	24.5	578	1.0	-0.2
LAX => DTW	5382	74.3	20.6	1052	220.7	17.8	238.5	-0.3	-0.9
LGA => DTW	1079	146.0	16.6	3464	74.4	20.0	98.3		
MIA => DTW	908	73.5	16.3	1192	147.4	14.9	162.5	1.4	-1.8
MSP => DTW	200	112.2	11.8	544	72.2	16.0	84.2	-1.3	-0.3
MSY => DTW	7095	39.1	19.9	59	118.2	8.2	126.4	5.9	-3.6
ORD => DTW	2746	73.4	17.1	5479	34.4	20.0	58.3	-0.8	0.1
PHL => DTW	2106	38.8	12.0	1617	75.3	16.0	89.2	-0.1	-1.1
PIT => DTW	1054	231.9	17.6	2162	37.8	12.3	50.1	-1.1	0.3
SFO => DTW	1179	62.4	13.8	1548	231.8	16.6	248.4	-0.1	-1.0
STL => DTW				909	61.7	15.1	76.8	-0.6	1.3
ALL => DTW	41734			29479			-11759	-0.4	-0.4

TABLE IV-2-8

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT FWR

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => FWR	2798	97.6	18.8	2499	97.0	18.1	-299	-0.6	-0.7
BOS => FWR	5309	46.9	15.8	5080	45.8	16.6	-229	-1.1	0.7
CLE => FWR	1940	59.9	15.1	995	59.8	14.0	-945	-0.0	-1.1
DCA => FWR	4033	40.5	14.6	2708	38.7	14.5	-1325	-1.7	-0.1
DEN => FWR	908	185.2	15.8	464	185.0	16.9	-444	-0.2	1.1
DFW => FWR	2217	68.0	15.3	1527	63.5	14.7	-690	-0.5	-0.6
JFK => FWR	3	13.0	22.7	1344	67.5	14.2	-1341	-54.5	-8.5
LAX => FWR	937	273.9	18.1	766	275.8	16.6	-171	2.0	-1.6
MIA => FWR	2451	138.5	17.2	1970	138.1	16.0	-481	-0.4	-1.3
MSP => FWR	31	119.4	16.7	354	140.9	10.3	323	29.5	-6.6
MSY => FWR	353	140.0	12.3	3151	90.1	22.4	-4	0.8	-1.9
ORD => FWR	5026	90.7	20.9	1145	23.9	14.9	-3881	-66.8	-5.9
PHL => FWR	2775	25.0	14.9	2335	54.9	11.4	-440	39.9	-3.5
PIT => FWR	3576	53.8	12.0	258	284.4	22.9	-3318	-31.6	-0.6
SFO => FWR	408	284.4	22.9	368	109.9	15.6	-40	168.5	-7.3
STL => FWR	535	109.7	16.8	126.5	126.5	126.5	-408.5	0.0	-1.0
ALL => FWR	33390			22964			-10426	-0.5	-0.1

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT IFK

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TABLE IV-2-10

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT LAX

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => LAX	3129	244.9	17.1	261.9	17.4	264.0	-552	1.7	0.4
BOS => LAX	1264	321.4	21.3	342.7	20.5	347.4	-676	6.0	-0.8
CLF => LAX	1650	259.6	16.5	276.1	14.7	282.1	-332	7.8	-1.8
DEN => LAX	5661	111.8	13.9	125.7	14.0	127.6	-620	1.9	0.1
DFW => LAX									
DTW => LAX	1874	247.9	18.4	266.3	15.7	268.0	-669	4.3	-2.6
FWR => LAX	1069	312.3	19.3	331.6	17.0	340.6	-116	11.2	-2.2
JFK => LAX	9522	311.4	25.3	337.1	24.8	342.2	-1103	5.7	-0.5
MIA => LAX	726	246.9	23.4	310.4	22.9	315.9	-525	6.0	-0.5
MSP => LAX	2455	195.4	16.4	211.9	16.1	211.4	-1141	0.3	-0.4
MSY => LAX	1267	209.2	14.9	224.1	13.8	227.6	-562	4.6	-1.1
ORD => LAX	4680	218.6	22.2	240.8	21.3	245.4	-2107	5.6	-0.9
PHL => LAX	2426	305.4	18.2	323.6	17.6	327.8	-1050	4.4	-0.6
PIT => LAX	609	268.0	16.5	284.6	18.1	284.8	-573	-1.3	1.6
SEA => LAX	3503	120.0	11.6	151.6	13.0	134.2	-1082	1.1	1.5
SEN => LAX	16101	51.4	15.6	67.0	16.1	68.4	-6734	1.0	0.4
STL => LAX	1862	200.4	16.4	216.7	16.9	223.5	-132	6.2	0.5
ALL => LAX	54757						-13762	3.4	-0.2
							40995		3.2

TABLE IV-2-11

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS ARRIVING AT LGA											
	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK
ATL => LGA	3828	99.9	17.5	117.3	3763	100.5	16.7	117.2	-65	0.7	-0.8	-0.1
BOS => LGA	11108	40.6	16.0	56.6	11537	41.8	15.6	57.5	429	1.2	-0.4	0.8
CLE => LGA	4566	65.9	13.7	79.7	2644	65.6	12.4	78.0	-1922	-0.3	-1.3	-1.6
DCA => LGA	10346	44.7	16.3	61.0	10767	44.3	14.9	59.3	421	-0.4	-1.4	-1.8
DFW => LGA					2439	165.6	14.9	140.5				
DTW => LGA	5310	73.7	14.7	88.4	3152	71.2	14.3	85.5	-2158	-2.5	-0.4	-2.8
MIA => LGA	4192	140.5	17.0	157.6	3220	141.7	17.1	158.8	-972	1.1	0.1	1.2
MSP => LGA	2169	129.4	15.7	145.1	1622	129.7	15.2	144.9	-547	0.3	-0.5	-0.2
MSY => LGA	765	140.3	13.5	153.8	717	142.5	12.9	155.4	-48	2.1	-0.5	1.6
ORD => LGA	10696	95.9	21.5	117.4	7623	95.3	21.6	116.9	-3073	-0.5	0.1	-0.5
PHL => LGA	537	28.1	15.2	43.3	151	25.5	15.8	41.3	-386	-2.6	0.5	-2.1
PIT => LGA	4713	56.2	12.6	68.8	3723	58.0	12.5	70.5	-990	1.8	-0.2	1.6
STL => LGA	2419	115.2	16.0	131.2	1854	113.9	15.8	129.7	-565	-1.3	-0.2	-1.4
ALL => LGA	60649				53212				-7437	0.1	-0.5	-0.4

TABLE IV-2-12

AVERAGE YEARLY AIR, GROUND AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT MIA

ROUTE	1971			1970			DIFFERENCE					
	FLIGHTS	AVG ATW	AVG GND	FLIGHTS	AVG ATW	AVG GND	FLIGHTS	AVG ATW	AVG GND			
ATL => MIA	5010	80.6	17.7	98.2	4745	80.0	17.4	97.8	-265	-0.6	0.1	-0.4
BOS => MIA	2099	154.9	16.1	175.0	1507	161.6	16.7	178.4	-552	2.7	0.6	3.4
CLE => MIA	791	136.9	14.8	151.7	825	136.9	13.7	150.6	32	0.0	-1.1	-1.1
DCA => MIA	3052	120.6	15.2	135.8	2187	123.7	14.7	138.4	-865	3.1	-0.5	2.6
DFW => MIA					1934	135.6	13.5	149.2				
DTW => MIA	1113	134.7	15.7	150.5	1159	139.7	13.7	153.4	46	0.9	-2.0	-1.1
EWR => MIA	2549	140.4	16.3	156.7	1957	142.1	16.0	158.1	-592	1.7	-0.3	1.5
JFK => MIA	5713	140.8	22.3	163.1	3990	142.9	21.1	164.0	-1723	2.1	-1.2	1.0
LAX => MIA	746	249.4	19.1	268.5	411	252.0	18.0	270.0	-335	2.5	-1.1	1.4
LGA => MIA	3771	142.0	21.8	163.8	2812	145.4	20.1	165.5	-959	3.4	-1.7	1.8
MSP => MIA	173	174.2	14.2	192.4								
MSY => MIA	2088	84.2	13.7	97.9	1689	86.6	11.4	98.0	-399	2.5	-2.3	0.2
ORD => MIA	3264	142.8	22.5	165.4	2907	144.2	20.8	165.0	-357	1.4	-1.8	-0.4
PHL => MIA	2201	132.1	16.3	148.4	2111	132.7	14.4	147.1	-90	0.6	-1.9	-1.5
PIT => MIA	1643	130.4	12.7	143.1	935	130.9	13.0	143.9	-708	0.5	0.4	0.8
SFO => MIA	642	277.3	19.4	296.8	217	280.7	24.8	310.5	-425	3.4	10.4	13.8
STL => MIA	878	131.6	12.7	144.3	845	133.5	12.8	146.2	-33	1.9	0.0	1.9
ALL => MIA	35733				30269				-5464	1.6	-0.8	0.9

TABLE IV-2-13

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT MSP

ROUTE	1975			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG BLOCK	FLIGHTS	AVG AIR	AVG BLOCK	FLIGHTS	AVG AIR	AVG BLOCK
ATL => MSP	1354	120.8	13.1	1340.0	120.4	13.8	265	3.5	0.7
BOS => MSP	712	155.9	17.0	170.9	156.8	15.2	-228	2.9	-1.8
CLE => MSP	647	88.5	15.2	103.8	91.0	12.9	-202	2.5	-2.4
DCA => MSP	2000	128.0	16.5	140.5	130.8	15.1	-603	2.8	-1.4
DEN => MSP	2851	86.5	11.0	97.5	86.2	10.4	-1299	-0.5	-0.6
DFW => MSP	2703	77.9	15.2	93.1	111.5	13.1	124.6	0.5	-1.0
DTW => MSP	1060	142.8	25.0	167.7	147.0	21.8	-889	4.2	-3.2
LAX => MSP	2454	177.8	16.3	194.0	177.4	15.9	-1148	-0.4	-0.5
LGA => MSP	2142	139.4	19.8	159.2	145.3	19.6	-633	3.9	-0.2
MIA => MSP	171	191.0	14.9	205.9	145.5	19.8	-2100	0.4	0.8
ORD => MSP	7935	55.0	19.0	74.0	55.5	19.8	-134	4.1	1.6
PHI => MSP	559	136.0	13.6	149.6	140.1	15.2	-644	-0.7	1.7
SEA => MSP	1285	159.7	12.2	171.9	159.0	13.9	-845	0.6	-0.9
SFO => MSP	1881	180.4	14.4	194.8	180.9	13.6	-44	0.5	0.8
STL => MSP	922	64.7	11.1	75.9	65.3	11.9	77.2	0.5	0.8
ALL => MSP	26636			14665			-7971	1.2	-0.1

TABLE IV-2-14

AVERAGE YEARLY AIR, HLUCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT MSY

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => MSY	4636	63.9	16.4	4033	63.4	15.4	78.8	-0.5	-1.1
BOS => MSY	351	177.2	15.2	192.3	179.1	16.3	195.3	1.9	1.1
DEN => MSY	149	124.6	10.4	135.0	125.0	10.0	135.1	0.4	-0.3
DFW => MSY									
DTW => MSY	201	115.9	15.1	131.0	122.7	13.0	135.7	6.7	-2.1
FWR => MSY	322	145.7	19.1	164.8	147.8	16.2	164.0	4	-2.9
JFK => MSY	940	152.2	24.0	176.2	155.4	22.3	177.7	3.8	-1.7
LAX => MSY	722	181.6	16.9	198.5	187.9	18.7	206.6	6.3	1.8
LGA => MSY	877	154.1	22.1	176.3	160.9	16.8	177.7	6.8	-5.3
MIA => MSY	2224	94.0	15.3	109.3	97.3	14.8	112.1	3.3	-0.5
ORD => MSY	1292	104.9	21.4	126.3	105.9	20.2	126.1	1.0	-1.1
PHL => MSY	668	142.9	14.4	157.3	146.3	12.7	159.0	3.4	-1.8
PIT => MSY	717	123.6	12.7	136.3	126.1	11.9	137.9	3.0	-0.9
SFO => MSY	359	210.9	15.7	226.7	211.6	14.7	226.3	0.7	-1.0
STL => MSY	683	80.6	11.0	91.6	83.6	9.7	93.3	3.0	-1.3
ALL => MSY	14185			14825			640	2.0	-1.2
									0.8

TABLE IV-2-15

AVG. YEARLY AIR, HLUCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT ORD

ROUTE	1971			1974			DIFFERENCE					
	FLIGHTS	AVG. AIR	AVG. GND	FLIGHTS	AVG. AIR	AVG. GND	FLIGHTS	AVG. AIR	AVG. GND			
ATL => ORD	5469	89.9	17.9	107.8	4424	91.5	17.5	111.0	-1445	3.6	-0.4	3.2
BOS => ORD	4933	129.2	20.0	149.2	4105	137.4	20.5	158.0	-828	8.2	0.5	8.7
CLF => ORD	4266	59.5	17.0	76.5	2823	63.5	16.8	80.3	-1443	4.1	-0.2	3.8
DCA => ORD	4026	99.4	19.7	119.1	6251	104.3	18.5	122.8	-1775	4.8	-1.2	3.6
DEN => ORD	6815	113.6	15.6	129.2	5002	114.6	15.1	129.8	-1813	1.0	-0.5	0.6
DFW => ORD					6365	111.4	16.1	127.5				
DTW => ORD	7738	47.8	17.5	65.3	5108	49.4	16.8	66.2	-2630	1.7	-0.7	0.9
FAR => ORD	5226	112.8	20.1	132.9	3281	119.6	20.2	139.7	-1945	6.7	0.1	6.9
JFK => ORD	4302	113.0	25.9	138.8	2455	118.4	24.8	143.2	-1847	5.5	-1.1	4.4
LAX => ORD	8814	202.9	19.5	222.4	7166	205.2	19.2	224.4	-1648	2.3	-0.3	2.0
LGA => ORD	10987	112.8	26.6	139.4	7958	119.1	25.8	144.9	-3029	6.3	-0.8	5.5
MIA => ORD	2916	159.1	18.3	177.4	2543	164.7	16.0	180.7	-373	5.6	-2.3	3.3
MSB => ORD	8326	56.7	16.9	73.6	5672	58.5	17.2	75.7	-2654	1.8	0.2	2.1
MSY => ORD	1528	117.4	11.9	129.3	911	123.5	9.8	133.3	-617	6.1	-2.0	4.1
PHL => ORD	4541	105.0	20.2	125.3	2976	112.6	20.4	133.0	-1565	7.5	0.2	7.7
PIT => ORD	6589	70.5	19.3	84.8	6381	76.3	14.4	90.7	-208	5.8	0.1	5.9
SEA => ORD	3456	199.8	17.5	217.3	1998	201.6	18.1	219.7	-1458	1.8	0.6	2.4
SFO => ORD	5704	213.9	21.4	235.2	4491	215.6	21.4	237.0	-1213	1.8	-0.0	1.8
STL => ORD	5862	49.5	12.8	62.3	5795	53.1	11.3	64.5	-1067	3.7	-1.5	2.2
ALL => ORD	106897				85704				-21193	4.1	-0.5	3.7

TABLE IV-2-16

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT PHL

ROUTE	1973			1974			DIFFERENCE					
	FLIGHTS	AVG ATR	AVG GND	FLIGHTS	AVG ATR	AVG GND	FLIGHTS	AVG ATR	AVG GND			
ATL => PHL	4190	86.5	17.4	103.9	3636	87.9	17.2	105.1	-554	1.4	-0.5	1.1
RMS => PHL	7597	55.4	14.0	69.4	6921	57.1	14.1	71.2	-676	1.7	0.1	1.7
CLF => PHL	2627	55.9	15.6	71.5	1530	56.1	16.0	72.2	-1097	0.3	0.4	0.7
DCA => PHL	4071	29.4	12.8	42.2	1889	31.3	11.5	42.9	-2182	1.9	-1.2	0.7
DEN => PHL	398	181.6	15.7	147.3	433	180.8	16.1	146.9	35	-0.8	0.4	-0.5
DFW => PHL	2506	65.2	15.1	80.3	923	154.6	18.0	172.6	-1094	0.8	0.5	1.3
DTW => PHL	2689	26.8	15.0	41.7	1701	26.8	15.2	41.9	-988	0.0	0.2	0.2
JFK => PHL	2472	29.0	21.5	50.5	1311	29.9	21.5	51.4	-1161	0.9	-0.0	0.9
LAX => PHL	2179	267.7	17.7	285.4	1242	267.2	18.1	285.3	-937	-0.5	0.4	-0.1
LGA => PHL	660	27.7	19.8	47.4	268	29.2	17.9	47.1	-392	1.6	-1.9	-0.3
MIA => PHL	2175	128.5	14.9	143.4	1866	129.2	14.9	144.1	-309	0.7	0.0	0.7
MSP => PHL	628	123.4	16.6	140.0	469	123.3	16.2	139.6	-159	-0.1	-0.3	-0.5
MSY => PHL	474	130.5	11.3	141.5	685	133.9	10.8	144.7	211	3.6	-0.4	3.2
ORD => PHL	4709	88.7	20.7	109.4	2847	88.4	21.5	110.4	-1862	0.2	0.8	1.0
PIT => PHL	7104	44.7	10.9	55.6	6082	46.2	11.0	57.2	-1022	1.5	0.1	1.6
SFO => PHL	1494	280.7	20.2	301.0	582	278.9	20.1	299.0	-912	-1.9	-0.1	-2.0
STL => PHL	781	99.5	14.6	114.1	608	101.2	14.6	117.8	-173	1.6	2.0	3.7
ALL => PHL	46754				34405				-12349	1.0	0.1	1.1

TABLE IV-2-17

AVERAGE YEARLY AIR, HLUCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT PIT

ROUTE	1975				1974				DIFFERENCE			
	FLITES	AVG AIR	AVG GND	HLUCK	FLITES	AVG AIR	AVG GND	HLUCK	FLITES	AVG AIR	AVG GND	HLUCK
ATL => PIT	2447	72.7	16.6	89.3	1946	73.7	17.2	90.9	-501	0.9	0.6	1.6
HOS => PIT	1915	75.2	12.0	87.2	1753	79.8	13.2	93.0	-162	4.6	1.2	5.8
CLF => PIT	3739	25.4	12.7	38.1	2522	26.4	12.9	39.3	-1217	1.0	0.2	1.2
DCA => PIT	2736	38.9	15.7	54.5	1609	39.5	15.7	55.2	-1127	0.6	0.1	0.7
DEN => PIT	86	148.3	15.5	163.9	144	155.6	16.7	172.3	58	7.2	1.2	8.4
DFW => PIT					696	130.4	16.2	146.6				
DTW => PIT	2457	36.0	13.2	49.2	2285	37.3	13.4	50.7	-172	1.2	0.2	1.4
EMR => PIT	3507	56.1	13.8	69.9	2700	58.0	13.7	71.7	-807	1.9	-0.1	1.8
JFK => PIT	2539	57.5	18.9	76.4	674	58.2	19.9	78.1	-1865	0.7	1.0	1.7
LAX => PIT	615	237.8	15.9	253.7	210	233.1	18.3	251.4	-405	-4.6	2.4	-2.2
LGA => PIT	4615	56.2	19.7	75.9	3646	60.4	17.9	78.3	-969	4.2	-1.8	2.3
MIA => PIT	1626	130.5	14.5	145.0	935	131.9	14.9	146.8	-691	1.4	0.4	1.8
MSY => PIT	721	111.6	13.3	124.9	475	113.5	13.8	127.4	-246	1.9	0.5	2.5
ORD => PIT	6701	57.6	18.3	75.8	6308	59.1	18.7	77.8	-393	1.6	0.4	2.0
PHL => PIT	6655	45.8	13.3	59.1	5877	49.1	13.0	62.1	-778	3.2	-0.3	3.0
SRN => PIT	316	249.2	20.8	270.1	143	255.7	20.4	276.1	-173	6.4	-0.4	6.0
STL => PIT	1435	72.1	11.4	83.4	1587	75.0	11.6	86.5	152	2.9	0.2	3.1
ALL => PIT	42110				33510				-8600	2.2	0.0	2.2

TABLE IV-2-18

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS ARRIVING AT SFA											
	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK
BOS >> SFA	86	327.2	13.7	340.9	39	321.7	14.2	335.9	-47	-5.5	0.5	-5.0
DEN >> SFA	2319	135.1	11.8	146.9	1890	136.5	12.1	148.6	-429	1.5	0.2	1.7
DFW >> SFA					732	216.6	12.3	229.0				
JFK >> SFA	962	316.5	21.3	337.8	657	314.8	22.7	337.5	-305	-1.7	1.3	-0.4
LAX >> SFA	3372	123.9	12.9	136.8	1977	125.2	13.3	138.5	-1395	1.3	0.4	1.7
MSP >> SFA	1392	182.8	14.0	196.9	828	183.5	15.6	199.1	-564	0.7	1.6	2.3
ORD >> SFA	3189	225.0	21.7	244.6	1923	223.9	22.9	246.8	-1266	0.9	1.2	2.1
SFO >> SFA	5738	89.0	13.2	102.2	3121	90.8	14.2	105.0	-2617	1.8	1.0	2.8
STL >> SFA	306	216.9	11.2	228.1	488	221.1	12.2	233.2	182	4.2	0.9	5.1
ALL >> SFA	17364				11655				-5709	1.2	0.9	2.1

TABLE IV-2-19

AVERAGE YEARLY AIR, HLUCK AND GROUND TIMES

FOR ROUTE SEGMENTS ARRIVING AT SFO

ROUTE	1973			1974			DIFFERENCE					
	FLTTES	AVG AIR	AVG HLUCK	FLTTES	AVG AIR	AVG HLUCK	FLTTES	AVG AIR	AVG HLUCK			
ATL => SFO	1162	267.5	18.1	285.6	498	269.4	17.0	286.4	-664	1.9	-1.1	0.8
BOS => SFO	1164	338.3	20.3	358.6	465	337.3	21.7	359.0	-699	-1.0	1.4	0.4
CLF => SFO	356	278.6	17.0	295.6	235	279.3	15.6	294.9	-121	0.7	-1.4	-0.7
DEN => SFO	4098	125.2	13.2	138.4	1853	127.9	12.8	140.8	-2245	2.7	-0.4	2.3
DFW => SFO					3091	188.7	15.1	203.9				
DTW => SFO	1598	263.6	16.0	279.7	1184	264.0	14.6	282.6	-414	4.3	-1.4	2.9
EWR => SFO	617	330.9	16.0	346.9	400	335.3	16.4	351.7	-217	4.4	0.4	4.8
JFK => SFO	3724	326.6	24.5	351.1	2435	333.8	23.2	357.0	-1289	7.2	-1.3	5.9
LAX => SFO	17132	51.5	13.8	65.3	10339	51.5	13.8	65.4	-6793	0.0	0.0	0.0
MIA => SFO	673	320.7	17.8	338.5	217	327.3	18.1	345.4	-456	6.6	0.2	6.8
MSP => SFO	1878	202.9	15.3	218.2	968	205.0	14.3	219.3	-910	2.0	-1.0	1.0
MSY => SFO	343	240.2	12.7	252.9	193	246.4	12.7	259.1	-150	6.2	-0.1	6.2
ORD => SFO	5437	233.9	22.1	256.0	4191	237.8	22.0	259.8	-1246	3.9	-0.1	3.8
PHL => SFO	1304	321.9	18.6	340.5	479	330.0	19.3	349.4	-825	8.1	0.7	8.8
PIT => SFO	311	283.0	17.5	300.6	143	291.2	16.2	307.4	-168	8.1	-1.3	6.8
SEA => SFO	5493	94.4	11.3	105.7	2764	94.1	12.0	106.1	-2729	-0.3	0.6	0.4
STL => SFO	620	218.6	16.2	234.8	493	222.8	16.7	239.5	-127	4.1	0.6	4.7
ALL => SFO	45909				29948				-15961	2.1	-0.2	2.0

TABLE IV-2-20

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS ARRIVING AT STL

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
ATL => STL	3264	72.4	14.0	2715	73.1	14.5	-549	0.7	0.5
HOS => STL	1115	143.9	15.2	454	150.6	16.4	-661	6.7	1.6
CLF => STL	1582	72.7	13.3	1466	74.3	12.2	-116	1.6	-1.2
OCA => STL	1912	103.0	14.2	1237	107.8	14.3	-675	4.7	0.1
DEN => STL	2497	97.6	13.8	2011	97.8	13.3	-486	0.1	-0.6
DFW => STL				1997	76.3	12.8			
DTW => STL	1182	68.1	13.1	830	70.1	13.0	-352	1.9	-0.1
FAR => STL	538	120.9	17.3	365	126.2	16.9	-173	5.3	-0.3
JFK => STL	569	121.2	22.9	228	129.2	24.5	-341	7.9	1.6
LAX => STL	1980	181.3	16.6	1590	182.6	17.3	-390	1.2	0.7
LGA => STL	2403	123.9	23.0	1876	128.9	20.4	-527	4.9	-2.6
MIA => STL	777	140.6	15.5	746	144.5	13.2	-31	4.0	-0.3
MSP => STL	997	63.5	11.9	946	63.2	11.9	-51	-0.4	0.0
MSY => STL	620	82.2	11.1	637	83.6	9.4	17	1.4	-1.7
ORD => STL	6766	41.8	20.0	5493	42.9	18.8	-1273	1.1	-1.2
PHL => STL	1128	113.6	16.7	764	117.9	17.5	-364	4.3	0.8
PIT => STL	1340	81.3	10.2	1391	83.6	10.4	51	2.3	0.2
SEA => STL	484	191.1	12.0	354	193.1	13.6	-130	2.0	1.6
SFO => STL	920	194.7	16.3	705	194.1	17.1	-215	-0.5	0.8
ALL => STL	30074			25805			-4269	2.1	-0.4
									1.7

TABLE IV-3-1

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM ATL													
ROUTE	1973			1974			DIFFERENCE			1974			
	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK	
ATL ➡ BOS	2008	115.1	17.7	132.8	1367	117.1	20.2	137.3	-641	2.0	2.5	4.5	
ATL ➡ CLF	2065	76.9	16.9	93.8	1128	77.7	16.3	94.0	-937	0.8	-0.6	0.1	
ATL ➡ DCA	4732	74.1	17.0	91.0	4028	73.6	16.7	90.3	-704	-0.5	-0.2	-0.7	
ATL ➡ DFW					3539	101.6	16.7	118.5					
ATL ➡ DTW	1767	80.0	19.9	100.0	1337	80.5	19.3	99.8	-430	0.5	-0.7	-0.2	
ATL ➡ EWR	2798	97.6	18.8	116.4	2499	97.0	18.1	115.1	-299	-0.6	-0.7	-1.3	
ATL ➡ JFK	2697	99.2	20.6	119.8	2167	99.7	18.9	118.5	-530	0.5	-1.7	-1.2	
ATL ➡ LAX	3129	244.9	17.1	261.9	2377	246.6	17.4	264.0	-552	1.7	0.4	2.1	
ATL ➡ LGA	3828	99.9	17.5	117.3	3763	100.5	16.7	117.2	-65	0.7	-0.8	-0.1	
ATL ➡ MIA	5010	80.6	17.7	98.2	4745	80.0	17.8	97.8	-265	-0.6	0.1	-0.4	
ATL ➡ MSP	1354	120.8	13.1	134.0	1619	124.4	13.8	138.1	265	3.5	0.7	4.2	
ATL ➡ MSY	4636	63.9	16.4	80.3	3637	63.4	15.4	78.8	-999	-0.5	-1.1	-1.6	
ATL ➡ ORD	5869	89.9	17.9	107.8	4424	93.5	17.5	111.0	-1445	3.6	-0.4	3.2	
ATL ➡ PHL	4190	86.5	17.4	103.9	3636	87.9	17.2	105.1	-554	1.4	-0.3	1.1	
ATL ➡ PIT	2447	72.7	16.6	89.3	1946	73.7	17.2	90.9	-501	0.9	0.6	1.6	
ATL ➡ SFO	1162	267.5	18.1	285.6	498	269.4	17.0	286.4	-664	1.9	-1.1	0.8	
ATL ➡ STL	3264	72.4	14.0	86.4	2715	73.1	14.5	87.6	-549	0.7	0.5	1.3	
ATL ➡ ALL	50956				45625				-5331	0.9	-0.2	0.6	

TABLE IV-3-2

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM BOS												
ROUTE	1973			1974			DIFFERENCE			1975		
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND
BOS → ATL	2196	131.6	17.3	149.0	1718	137.2	16.7	153.9	-478	5.5	-0.6	4.9
BOS → CLE	1733	86.0	15.1	101.0	843	88.5	14.3	102.8	-890	2.6	-0.7	1.8
BOS → OCA	6276	63.1	15.2	78.3	6590	63.7	15.1	78.8	312	0.6	-0.1	0.5
BOS → DEN	740	230.2	16.0	246.2	556	239.7	16.2	255.9	-184	9.5	0.2	9.7
BOS → DFW					392	211.4	16.4	227.8				
BOS → DTW	1457	95.2	16.1	111.3	1601	95.1	15.8	111.0	144	-0.0	-0.3	-0.3
BOS → EWR	5309	46.9	15.8	62.8	3080	45.8	16.6	62.4	-2229	-1.1	0.7	-0.4
BOS → JFK	4231	40.6	16.3	59.0	2893	40.6	16.2	58.8	-1338	-0.0	-0.1	-0.1
BOS → LAX	1264	321.4	21.3	342.7	588	327.4	20.5	347.8	-676	6.0	-0.8	5.2
BOS → LGA	11108	40.6	16.0	56.6	11537	41.8	15.6	57.5	429	1.2	-0.4	0.8
BOS → MIA	2099	158.9	16.1	175.0	1547	161.6	16.7	178.4	-552	2.7	0.6	3.4
BOS → MSP	712	153.9	17.0	170.9	484	156.8	15.2	172.0	-228	2.9	-1.8	1.1
BOS → MSY	351	177.2	15.2	192.3	245	179.1	16.3	195.3	-106	1.9	1.1	3.0
BOS → ORD	4933	129.2	20.0	149.2	4105	137.4	20.5	158.0	-828	8.2	0.5	8.7
BOS → PHL	7597	55.4	14.0	69.4	6921	57.1	14.1	71.2	-676	1.7	0.1	1.7
BOS → PIT	1915	75.2	12.0	87.2	1753	79.8	13.2	93.0	-162	4.6	1.2	5.8
BOS → SFA	86	327.2	13.7	340.9	39	321.7	14.2	335.9	-47	-5.5	0.5	-5.0
BOS → SFO	1164	338.3	20.3	358.6	465	337.3	21.7	359.0	-699	-1.0	1.4	0.4
BOS → STL	1115	143.9	15.2	159.1	454	150.6	16.8	167.4	-661	6.7	1.6	8.3
BOS → ALL	54266				45611				-8655	2.2	0.0	2.2

TABLE IV-3-3

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM CLE

ROUTE	1973			1974			DIFFERENCE					
	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK			
CLE → ATL	2099	83.5	13.7	97.2	1166	84.5	13.6	98.1	-933	1.0	-0.1	0.9
CLE → BOS	1782	74.9	14.8	89.7	1196	74.9	12.8	87.7	-886	-0.0	-2.0	-2.0
CLE → DCA	3159	51.5	12.4	63.9	1954	51.2	12.3	63.5	-1205	-0.2	-0.1	-0.4
CLE → DEN	399	161.1	14.9	175.9	427	165.2	14.2	179.4	28	4.1	-0.6	3.5
CLE → DFW					698	139.7	13.7	153.4				
CLE → DTW	5559	26.6	10.1	36.7	2938	25.1	9.9	34.9	-2621	-1.5	-0.3	-1.8
CLE → EWR	1940	59.9	15.1	75.0	995	59.8	14.0	73.9	-945	-0.0	-1.0	-1.1
CLE → JFK	858	72.6	16.7	89.3	654	73.0	16.9	90.0	-204	0.4	0.2	0.6
CLE → LAX	1630	259.6	16.5	276.1	1298	267.4	14.7	282.1	-332	7.8	-1.8	6.0
CLE → LGA	4566	65.9	13.7	79.7	2644	65.6	12.4	78.0	-1922	-0.3	-1.3	-1.6
CLE → MIA	791	136.9	14.8	151.7	823	136.9	13.7	150.6	32	0.0	-1.1	-1.1
CLE → MSP	607	88.5	15.2	103.8	445	91.0	12.9	103.9	-202	2.5	-2.4	0.1
CLE → ORD	4266	59.5	17.0	76.5	2823	63.5	16.8	80.3	-1443	4.1	-0.2	3.8
CLE → PHL	2627	55.9	15.6	71.5	1530	56.1	16.0	72.2	-1097	0.3	0.4	0.7
CLE → PIT	3739	25.4	12.7	38.1	2522	26.4	12.9	39.3	-1217	1.0	0.2	1.2
CLE → SFO	356	278.6	17.0	295.6	235	279.3	15.6	294.9	-121	0.7	-1.4	-0.7
CLE → STL	1582	72.7	13.3	86.1	1466	74.3	12.2	86.5	-116	1.6	-1.2	0.4
CLE → ALL	36000				23814				-12186	1.0	-0.6	0.4

TABLE IV-3-4

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM DCA

ROUTE	1973			1974			DIFFERENCE		
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND
DCA => ATL	4700	85.9	14.9	4905	85.5	13.1	205	-0.5	-1.8
DCA => BOS	6608	58.8	15.5	6425	59.3	13.0	-183	0.5	-1.7
DCA => CLE	3162	54.2	15.7	1721	54.5	15.2	-1441	0.3	-0.5
DCA => DTW	3141	66.7	14.7	2096	66.2	14.1	-1045	-0.5	-0.6
DCA => EWR	4033	40.5	14.6	2708	38.7	14.5	-1325	-1.7	-0.1
DCA => JFK	1840	43.7	17.4	478	42.6	14.9	-1362	-1.1	-2.5
DCA => LGA	10346	44.7	16.3	10767	44.3	14.9	421	-0.4	-1.4
DCA => MIA	3052	120.6	15.2	2187	123.7	14.7	-865	3.1	-0.5
DCA => MHP	2000	128.0	16.5	1397	130.8	15.1	-603	2.8	-1.4
DCA => ORD	8026	99.4	19.7	6251	104.3	18.5	-1775	4.8	-1.2
DCA => PHL	4071	29.4	12.8	1889	31.3	11.5	-2182	1.9	-1.2
DCA => PIT	2736	38.9	15.7	1609	39.5	15.7	-1127	0.6	0.1
DCA => STL	1912	103.0	14.2	1237	107.8	14.3	-675	4.7	0.1
DCA => ALL	55627			43670			-11957	1.0	-1.1
									-0.1

TABLE IV-3-5

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM DEN											
	1973				1974				DIFFERENCE			
	FLITES	AVG AIR	AVG GND	AVG BLOCK	FLITES	AVG AIR	AVG GND	AVG BLOCK	FLITES	AVG AIR	AVG GND	AVG BLOCK
DEN → BOS	683	198.4	15.1	213.5	566	197.5	15.1	212.6	-117	-0.9	-0.0	-0.9
DEN → CLE	399	140.7	14.6	155.3	379	138.6	13.4	152.0	-20	-2.1	-1.2	-3.3
DEN → DFW					4590	85.9	12.3	98.2				
DEN → DTW	713	134.3	14.8	149.1	520	131.2	14.1	145.3	-193	-3.1	-0.7	-3.8
DEN → EWR	908	185.2	15.8	201.0	464	185.0	16.9	201.9	-444	-0.2	1.1	0.9
DEN → JFK	2027	195.2	18.7	213.8	1131	194.1	19.2	213.3	-896	-1.0	0.5	-0.5
DEN → LAX	3661	111.8	13.9	125.7	3041	113.7	14.0	127.6	-620	1.9	0.1	2.0
DEN → MSP	2831	86.5	11.0	97.5	1532	86.2	10.4	96.6	-1299	-0.3	-0.6	-0.9
DEN → MSY	149	124.6	10.4	135.0	363	125.0	10.0	135.1	214	0.4	-0.3	0.1
DEN → ORD	6815	113.6	15.6	129.2	5002	114.6	15.1	129.8	-1813	1.0	-0.5	0.6
DEN → PHL	398	181.6	15.7	197.3	433	180.8	16.1	196.9	35	-0.8	0.4	-0.3
DEN → PIT	86	148.3	15.5	163.9	144	155.6	16.7	172.3	58	7.2	1.2	8.4
DEN → SEA	2319	135.1	11.8	146.9	1890	136.5	12.1	148.6	-429	1.5	0.2	1.7
DEN → SFO	4098	125.2	13.2	136.4	1853	127.9	12.8	140.6	-2245	2.7	-0.4	2.3
DEN → STL	2497	97.6	13.8	111.5	2011	97.8	13.3	111.0	-486	0.1	-0.6	-0.4
DEN → ALL	27584				23919				-3665	0.8	-0.2	0.6

TABLE IV-3-6

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM DFW

ROUTE	1993			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
DFW → ATL	3049	96.9	13.1	110.1					
DFW → BOS	332	179.2	18.9	198.1					
DFW → CLE	711	122.7	17.5	140.2					
DFW → DEN	4636	94.4	12.6	107.0					
DFW → DTW	606	123.0	15.7	138.7					
DFW → EWR	1527	163.5	14.7	178.2					
DFW → JFK	1690	166.6	17.8	186.4					
DFW → LAX	4211	162.4	14.7	177.1					
DFW → LGA	2439	165.6	14.9	180.3					
DFW → MIA	1934	155.6	13.5	149.2					
DFW → MSP	803	111.5	13.1	124.6					
DFW → MSY	3216	59.6	12.4	72.0					
DFW → ORD	6365	111.4	16.1	127.5					
DFW → PHL	923	154.6	18.0	172.6					
DFW → PIT	696	130.4	16.2	146.6					
DFW → SEA	732	216.6	12.3	229.0					
DFW → SFO	3091	188.7	15.1	203.9					
DFW → STL	1997	76.3	12.8	89.1					
DFW → ALL	39960								

TABLE IV-3-7

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM DTW

ROUTE	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	BLOCK	FLIGHTS	AVG AIR	AVG GND	BLOCK	FLIGHTS	AVG AIR	AVG GND	BLOCK
DTW → ATL	1660	86.8	16.8	103.6	1223	87.3	13.9	101.2	-437	0.6	-2.9	-2.3
DTW → BOS	1532	81.6	15.1	96.7	1025	79.9	14.6	94.5	-293	-1.7	-0.5	-2.3
DTW → CLE	4709	26.3	10.0	36.4	2689	24.6	9.5	34.1	-2020	-1.7	-0.6	-2.3
DTW → DCA	3067	62.5	13.5	76.0	1985	62.8	13.0	75.8	-1082	0.3	-0.5	-0.2
DTW → DEN	793	150.5	14.6	165.1	516	153.8	15.9	169.7	-277	3.3	1.3	4.6
DTW → DFW					1188	137.8	13.6	151.4				
DTW → EWR	2217	68.0	15.3	83.3	1344	67.5	14.2	81.7	-873	-0.6	-1.1	-1.6
DTW → JFK	1704	77.6	17.5	95.0	1072	75.2	16.9	92.2	-632	-2.3	-0.6	-2.9
DTW → LAX	1874	247.9	18.4	266.3	1205	252.3	15.7	268.0	-669	4.3	-2.6	1.7
DTW → LGA	5310	73.7	14.7	88.4	3152	71.2	14.3	85.5	-2158	-2.5	-0.4	-2.8
DTW → MIA	1113	138.7	15.7	154.5	1159	139.7	13.7	153.4	46	0.9	-2.0	-1.1
DTW → MSP	703	77.9	15.2	93.1	604	78.5	14.2	92.6	-99	0.5	-1.0	-0.5
DTW → MSY	201	115.9	15.1	131.0	58	122.7	13.0	135.7	-143	6.7	-2.1	4.6
DTW → ORD	7738	47.8	17.5	65.3	5108	49.4	16.8	66.2	-2630	1.7	-0.7	0.9
DTW → PHL	2506	65.2	15.1	80.3	1412	66.0	15.6	81.6	-1094	0.8	0.5	1.3
DTW → PIT	2457	36.0	13.2	49.2	2285	37.3	13.4	50.7	-172	1.2	0.2	1.4
DTW → SFO	1598	263.6	16.0	279.7	1184	268.0	14.6	282.6	-414	4.3	-1.4	2.9
DTW → STL	1182	68.1	13.1	81.2	830	70.1	13.0	83.0	-352	1.9	-0.1	1.8
DTW → ALL	40364				28839				-11525	0.3	-0.7	-0.4

TABLE IV-3-8

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM EWR																		
ROUTE	1973			1974			1975			1976			DIFFERENCE					
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND			
EWR → ATL	2779	108.2	17.5	125.7	2376	110.1	16.6	126.7	-403	1.9	-1.0	1.0						
EWR → BOS	5118	38.2	15.7	53.9	2286	37.3	17.3	54.5	-2832	-0.9	1.6	0.7						
EWR → CLE	1910	65.4	15.6	61.2	1206	66.3	16.7	63.1	-704	0.9	1.0	1.9						
EWR → DCA	3548	42.5	14.1	56.7	2520	41.0	14.2	55.2	-1028	-1.5	0.0	-1.5						
EWR → DEN	932	214.4	16.9	231.3	475	222.1	17.0	239.1	-457	7.7	0.1	7.6						
EWR → DFW					1621	189.2	15.3	204.5										
EWR → DTW	2394	79.1	14.7	93.9	1362	79.1	14.9	94.0	-1032	-0.0	0.1	0.1						
EWR → JFK	2	19.5	16.0	35.5	8	21.3	15.1	36.4	6	1.6	-0.9	0.9						
EWR → LAX	1069	312.3	19.3	331.6	953	323.6	17.0	340.6	-116	11.2	-2.2	9.0						
EWR → MIA	2549	140.4	16.3	156.7	1957	142.1	16.0	158.1	-592	1.7	-0.3	1.5						
EWR → MRY	322	145.7	19.1	164.8	326	147.8	16.2	164.0	4	2.2	-2.9	-0.7						
EWR → ORD	5226	112.8	20.1	132.9	3281	119.6	20.2	139.7	-1945	6.7	0.1	6.9						
EWR → PHL	2689	26.8	15.0	41.7	1701	26.8	15.2	41.9	-988	0.0	0.2	0.2						
EWR → PIT	3507	56.1	13.8	69.9	2700	56.0	13.7	71.7	-807	1.9	-0.1	1.6						
EWR → SFO	617	330.9	16.0	346.9	400	335.3	16.4	351.7	-217	4.4	0.4	4.8						
EWR → STL	538	120.9	17.3	138.2	365	126.2	16.9	143.2	-173	5.3	-0.3	5.0						
EWR → ALL	33200				23537				-9663	2.2	0.1	2.2						

TABLE IV-3-9

AVERAGE YEARLY AIR,BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM JFK

ROUTE	1973			1974			1975			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
JFK > ATL	3252	104.6	24.6	129.3	2634	109.5	22.3	131.8	-618	4.9	-2.4	2.6
JFK > BOS	4494	33.7	24.5	50.2	2723	33.6	21.2	54.8	-1771	-0.1	-3.3	-3.4
JFK > CLE	969	68.0	23.4	91.4	761	71.0	22.6	93.6	-208	3.0	-0.8	2.2
JFK > DCA	2025	42.4	19.9	62.4	600	40.8	18.7	59.4	-1425	-1.6	-1.3	-2.9
JFK > DEN	2272	215.2	21.2	236.3	1046	223.4	22.6	246.1	-1226	8.2	1.5	9.7
JFK > DFW	1839	81.9	24.7	106.7	1849	107.8	25.1	212.9	-598	1.0	-0.2	0.8
JFK > EWR	3	13.0	22.7	35.7	1241	82.9	24.5	107.4				
JFK > LAX	4522	311.8	25.3	337.1	3419	317.4	24.8	342.2	-1103	5.7	-0.5	5.1
JFK > MIA	5713	140.8	22.3	163.1	3990	142.9	21.1	164.0	-1723	2.1	-1.2	1.0
JFK > MSP	1060	142.8	25.0	167.7	171	147.0	21.8	168.8	-889	4.2	-3.2	1.1
JFK > MSY	984	152.2	24.0	176.2	1372	155.4	22.3	177.7	388	3.2	-1.7	1.5
JFK > ORD	4302	113.0	25.9	138.8	2455	118.4	24.8	143.2	-1847	5.5	-1.1	4.4
JFK > PHL	2472	29.0	21.5	50.5	1311	29.9	21.5	51.4	-1161	0.9	-0.0	0.9
JFK > PIT	2539	57.5	18.9	76.4	674	58.2	19.9	78.1	-1865	0.7	1.0	1.7
JFK > SEA	962	316.5	21.3	337.8	657	314.8	22.7	337.5	-305	-1.7	1.3	-0.4
JFK > SFO	3724	326.6	24.5	351.1	2435	333.8	23.2	357.0	-1289	7.2	-1.3	5.9
JFK > STL	569	121.2	22.9	144.1	228	129.2	24.5	153.7	-341	7.9	1.6	9.5
JFK > ALL	41701				27566				-14135	3.4	-1.0	2.3

TABLE IV-3-10

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM LAX

ROUTE	1973			1974			DIFFERENCE		
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND
LAX → ATL	2824	217.4	17.1	2594	220.1	16.1	-230	2.7	-1.0
LAX → BOS	1236	283.4	19.5	587	281.1	19.2	-649	-2.3	-0.4
LAX → CLE	1822	228.9	17.3	1462	230.5	16.7	-360	1.6	-0.5
LAX → DEN	3807	103.7	15.2	3246	104.0	15.9	-561	0.3	0.7
LAX → DFW				4428	144.1	17.0			
LAX → DTW	1819	221.0	18.4	1052	220.7	17.8	-767	-0.3	-0.6
LAX → EWR	937	273.9	18.1	766	275.6	16.6	-171	2.0	-1.6
LAX → JFK	4674	280.0	21.8	3655	279.2	21.2	-1019	-0.9	-0.6
LAX → MIA	746	249.4	19.1	411	252.0	18.0	-335	2.5	-1.1
LAX → MSP	2434	177.6	16.3	1286	177.4	15.9	-1148	-0.4	-0.3
LAX → MSY	722	181.6	16.9	468	187.9	16.7	-254	6.3	1.6
LAX → ORD	8814	202.9	19.5	7166	205.2	19.2	-1648	2.3	-0.3
LAX → PHL	2179	267.7	17.7	1242	267.2	18.1	-937	-0.5	0.4
LAX → PIT	615	237.8	15.9	210	233.1	16.3	-405	-4.6	2.4
LAX → SEA	3372	123.9	12.9	1977	125.2	13.3	-1395	1.3	0.4
LAX → SFO	17132	51.5	13.8	10339	51.5	13.8	-6793	0.0	0.0
LAX → STL	1980	181.3	16.6	1590	182.6	17.3	-390	1.2	0.7
LAX → ALL	55112			42479			-12633	0.7	-0.1

0.6

TABLE IV-3-11

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM LGA											
	1973			1974			1975			DIFFERENCE		
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND
LGA → ATL	3719	112.1	20.5	4004	113.4	18.0	265	1.3	-2.5	-1.2		
LGA → BOS	11351	34.5	19.6	11117	35.0	18.1	-234	0.5	-1.5	-1.1		
LGA → CLE	4600	67.0	21.7	3327	67.6	20.0	-1273	0.6	-1.8	-1.2		
LGA → DCA	10502	45.4	18.5	10632	45.4	16.5	130	0.0	-2.1	-2.0		
LGA → DFW				2252	190.3	21.6	2252					
LGA → DTW	5382	78.3	20.6	3464	78.4	20.0	-918	0.1	-0.6	-0.6		
LGA → MIA	3771	142.0	21.8	2812	145.4	20.1	-959	3.4	-1.7	1.8		
LGA → MSP	2142	139.4	19.8	1509	143.3	19.6	-633	3.9	-0.2	3.7		
LGA → MSY	877	154.1	22.1	437	160.9	16.8	-440	6.8	-5.3	1.4		
LGA → ORD	10987	112.8	26.6	7956	119.1	25.8	-3029	6.3	-0.8	5.5		
LGA → PHL	660	27.7	19.8	268	29.2	17.9	-392	1.6	-1.9	-0.3		
LGA → PIT	4615	56.2	19.7	3646	60.4	17.9	-969	4.2	-1.8	2.3		
LGA → STL	2403	123.9	23.0	1876	128.9	20.4	-527	4.9	-2.6	2.4		
LGA → ALL	61009			53302			-7707	2.2	-1.6	0.6		

TABLE IV-3-12

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM MIA

ROUTE	1973			1974			1975			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND	FLIGHTS	AVG AIR	AVG GND
MIA → ATL	5237	88.8	16.3	105.1	4173	89.9	15.0	104.8	-1064	1.0	-1.3	-0.3
MIA → BOS	1898	151.4	15.9	167.3	1569	153.6	14.8	168.4	-329	2.2	-1.1	1.1
MIA → CLF	808	138.2	15.8	154.0	827	138.4	14.1	152.5	19	0.2	-1.7	-1.5
MIA → OCA	2808	117.7	14.8	132.5	2184	119.5	13.1	132.6	-624	1.8	-1.7	0.2
MIA → DFW					1925	154.2	13.9	168.2				
MIA → DTW	1079	146.0	16.6	162.7	1192	147.4	14.9	162.3	113	1.8	-1.8	-0.4
MIA → EWR	2451	138.5	17.2	155.8	1970	138.1	16.0	154.1	-481	-0.4	-1.3	-1.7
MIA → JFK	5150	138.2	18.8	157.0	3525	139.1	18.1	157.2	-1625	0.9	-0.7	0.2
MIA → LAX	726	286.9	23.4	310.4	401	293.0	22.9	315.9	-325	6.0	-0.5	5.6
MIA → LGA	4192	140.5	17.0	157.6	3220	141.7	17.1	158.8	-972	1.1	0.1	1.2
MIA → MSP	171	191.0	14.9	205.9								
MIA → MSY	2224	94.0	15.3	109.3	1812	97.3	14.8	112.1	-412	3.3	-0.5	2.8
MIA → ORD	2916	159.1	18.3	177.4	2543	164.7	16.0	180.7	-373	5.6	-2.3	3.3
MIA → PHL	2175	128.5	14.9	143.4	1866	129.2	14.9	144.1	-309	0.7	0.0	0.7
MIA → PIT	1626	130.5	14.5	145.0	935	131.9	14.9	146.8	-691	1.4	0.4	1.8
MIA → SFO	673	320.7	17.8	338.5	217	327.3	18.1	345.4	-456	6.6	0.2	6.8
MIA → STL	777	140.6	13.5	154.0	746	144.5	13.2	157.7	-31	4.0	-0.3	3.7
MIA → ALL	34911				29105				-5806	1.8	-0.9	0.9

TABLE IV-3-13

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM MSP

ROUTE	1973			1974			DIFFERENCE		
	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK	FLITES	AVG AIR	AVG GND BLOCK
MSP => ATL	1591	118.0	13.5 131.5	1693	117.5	13.5 131.1	102	-0.4	0.0 -0.4
MSP => BOS	717	132.6	16.0 148.6	497	132.6	16.1 148.7	-220	0.0	0.1 0.2
MSP => CLE	601	81.5	14.4 95.9	447	79.9	13.0 92.9	-154	-1.6	-1.5 -3.1
MSP => DCA	2056	115.4	14.4 129.8	1410	115.2	14.3 129.5	-646	-0.2	-0.2 -0.3
MSP => DEN	2808	95.5	12.3 107.8	1734	97.1	11.4 108.5	-1074	1.6	-0.9 0.7
MSP => DFW				858	115.1	12.3 127.4			
MSP => DTW	908	73.5	16.3 89.8	544	72.2	16.0 88.2	-364	-1.3	-0.3 -1.6
MSP => EWR	31	119.4	16.7 136.1						
MSP => JFK	893	134.0	20.0 154.0	173	123.9	19.9 143.7	-720	-10.1	-0.2 -10.3
MSP => LAX	2435	195.4	16.4 211.9	1294	195.7	16.1 211.8	-1141	0.3	-0.4 -0.1
MSP => LGA	2169	129.4	15.7 145.1	1622	129.7	15.2 144.9	-547	0.3	-0.5 -0.2
MSP => MIA	173	178.2	14.2 192.4						
MSP => ORD	8326	56.7	16.9 73.6	5872	58.5	17.2 75.7	-2654	1.8	0.2 2.1
MSP => PHL	628	123.4	16.6 140.0	469	123.3	16.2 139.6	-159	-0.1	-0.3 -0.5
MSP => SEA	1392	182.8	14.0 196.9	828	183.5	15.6 199.1	-564	0.7	1.6 2.3
MSP => SFO	1878	202.9	15.3 218.2	968	205.0	14.3 219.3	-910	2.0	-1.0 1.0
MSP => STL	997	63.5	11.9 75.4	946	63.2	11.9 75.1	-51	-0.4	0.0 -0.4
MSP => ALL	27603			19155			-8448	0.5	-0.1 0.4

TABLE IV-3-14

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM MSY											
	-----1973-----				-----1974-----				-----DIFFERENCE-----			
	FLIGHTS	AVG	AVG	BLOCK	FLIGHTS	AVG	AVG	BLOCK	FLIGHTS	AVG	AVG	BLOCK
	AIR				AIR				AIR			
MSY => ATL	4677	63.5	11.9	75.4	3150	66.3	11.1	77.4	-1527	2.8	-0.8	2.0
MSY => BNS	302	156.3	12.7	169.0	180	158.8	12.6	171.4	-122	2.5	-0.1	2.4
MSY => DEN	151	135.5	11.1	146.6	300	139.7	10.7	150.4	149	4.2	-0.4	3.7
MSY => DFW					3452	66.5	10.4	78.9				
MSY => DTW	200	112.2	11.8	124.0	59	118.2	8.2	126.4	-141	5.9	-3.6	2.4
MSY => EWR	353	140.0	12.3	152.3	354	140.9	10.3	151.2	1	0.8	-1.9	-1.1
MSY => JFK	875	145.4	12.9	158.3	1019	145.6	10.7	156.2	144	0.2	-2.2	-2.0
MSY => LAX	1267	209.2	14.9	224.1	705	213.8	13.8	227.6	-562	4.6	-1.1	3.5
MSY => LGA	765	140.3	13.5	153.8	717	142.5	12.9	155.4	-48	2.1	-0.5	1.6
MSY => MIA	2088	84.2	13.7	97.9	1689	86.6	11.4	98.0	-399	2.5	-2.3	0.2
MSY => ORD	1528	117.4	11.9	129.3	911	123.5	9.8	133.3	-617	6.1	-2.0	4.1
MSY => PHL	474	130.3	11.3	141.5	685	133.9	10.8	144.7	211	3.6	-0.4	3.2
MSY => PIT	721	111.6	13.3	124.9	475	113.5	13.8	127.4	-246	1.9	0.5	2.5
MSY => SFO	343	240.2	12.7	252.9	193	246.4	12.7	259.1	-150	6.2	-0.1	6.2
MSY => STL	620	82.2	11.1	93.3	637	83.6	9.4	93.0	17	1.4	-1.7	-0.3
MSY => ALL	14364				14326				162	3.0	-1.2	1.7

TABLE IV-3-15

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM ORD													
ROUTE	1973			1974			1975			1976			DIFFERENCE
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	
ORD > ATL	6696	83.0	21.0	104.0	4631	85.2	20.0	105.2	-1865	2.2	-1.0	1.2	
ORD > BNS	4809	103.3	20.7	124.0	4109	103.4	20.7	124.1	-700	0.2	-0.0	0.1	
ORD > CLE	4509	88.2	19.3	67.5	3144	47.2	20.7	67.9	-1365	-1.0	1.4	0.4	
ORD > DCA	7633	81.3	19.0	100.3	5785	81.3	19.5	100.9	-1848	0.1	0.6	0.6	
ORD > DEN	6311	117.7	19.4	137.0	4940	121.7	19.7	141.3	-1371	4.0	0.3	4.3	
ORD > DFW					5579	112.8	21.0	133.8					
ORD > DTW	7495	39.1	19.9	59.0	5479	38.4	20.0	58.3	-2016	-0.8	0.1	-0.7	
ORD > EWR	5026	90.7	20.9	111.6	3151	90.1	22.4	112.6	-1875	-0.6	1.6	0.9	
ORD > JFK	5272	99.7	23.1	122.8	2514	97.2	22.4	119.6	-2758	-2.5	-0.8	-3.2	
ORD > LAX	8680	218.6	22.2	240.8	6573	224.1	21.3	245.4	-2107	5.6	-0.9	4.7	
ORD > LGA	10696	95.9	21.5	117.4	7623	95.3	21.6	116.9	-3073	-0.5	0.1	-0.5	
ORD > MIA	3264	142.8	22.5	165.4	2907	144.2	20.8	165.0	-357	1.4	-1.8	-0.4	
ORD > MSP	7935	55.0	19.0	74.0	5835	55.5	19.8	75.3	-2100	0.4	0.8	1.3	
ORD > MSY	1292	104.9	21.4	126.3	946	105.9	20.2	126.1	-346	1.0	-1.1	-0.1	
ORD > PHL	4709	88.7	20.7	109.4	2847	88.9	21.5	110.4	-1862	0.2	0.8	1.0	
ORD > PIT	6701	57.6	18.3	75.8	6308	59.1	18.7	77.8	-393	1.6	0.4	2.0	
ORD > SEA	3189	223.0	21.7	244.6	1923	223.9	22.9	246.8	-1266	0.9	1.2	2.1	
ORD > SFO	5437	233.9	22.1	256.0	4191	237.8	22.0	259.8	-1246	3.9	-0.1	3.8	
ORD > STL	6766	41.8	20.0	61.8	5493	42.9	18.8	61.7	-1273	1.1	-1.2	-0.1	
ORD > ALL	106419				84177				-22242	1.1	0.0	1.1	

TABLE IV-3-16

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM PHL											
	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK	FLIGHTS	AVG AIR	AVG GND	AVG BLOCK
PHL → ATL	4096	99.5	14.7	114.2	3994	102.9	13.7	116.6	-502	3.4	-1.0	2.5
PHL → BDB	6997	49.2	12.8	62.0	7235	50.5	12.5	63.0	238	1.3	-0.2	1.0
PHL → CLE	2779	60.0	14.7	74.7	1557	60.6	15.6	76.6	-1222	0.6	1.1	1.9
PHL → DCA	3868	34.6	12.3	46.9	1594	38.2	10.7	48.9	-2274	3.6	-1.6	2.0
PHL → DEN	398	205.9	14.2	220.1	321	212.7	16.3	229.0	-77	6.8	2.1	8.9
PHL → DFW					1128	177.3	17.6	195.0				
PHL → DTW	2746	73.4	17.1	90.4	1617	73.3	16.0	89.2	-1129	-0.1	-1.1	-1.2
PHL → EWR	2775	25.0	14.9	39.9	1145	23.9	14.9	38.7	-1630	-1.1	-0.0	-1.1
PHL → JFK	2501	30.1	17.0	47.2	1528	29.9	16.6	46.5	-973	-0.2	-0.4	-0.6
PHL → LAX	2426	305.4	18.2	323.6	1376	310.2	17.6	327.8	-1050	4.8	-0.6	4.2
PHL → LGA	537	28.1	15.2	43.3	151	25.5	15.8	41.3	-386	-2.6	0.5	-2.1
PHL → MIA	2201	132.1	16.3	148.4	2111	132.7	14.4	147.1	-90	0.6	-1.9	-1.3
PHL → MSP	559	136.0	13.6	149.6	425	140.1	15.2	155.3	-134	4.1	1.6	5.8
PHL → MSY	668	142.9	14.4	157.3	629	146.3	12.7	159.0	-39	3.4	-1.8	1.6
PHL → ORD	4541	105.0	20.2	125.3	2976	112.6	20.4	133.0	-1565	7.5	0.2	7.7
PHL → PIT	6655	45.8	13.3	59.1	5877	49.1	13.0	62.1	-778	3.2	-0.3	3.0
PHL → SFO	1304	321.9	18.6	340.5	479	330.0	19.3	349.4	-825	8.1	0.7	8.8
PHL → STL	1128	113.6	16.7	130.2	764	117.9	17.5	135.3	-364	4.3	0.8	5.1
PHL → ALL	46579				34907				-11672	2.7	-0.4	2.3

TABLE IV-3-17

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM PIT											
	1973				1974				DIFFERENCE			
	FLIGHTS	AVG AIR	AVG GND	BLOCK	FLIGHTS	AVG AIR	AVG GND	BLOCK	FLIGHTS	AVG AIR	AVG GND	BLOCK
PIT → ATL	2789	83.7	13.0	96.7	1961	81.4	12.9	94.3	-828	-2.3	-0.1	-2.4
PIT → BOS	1752	68.2	10.7	79.0	1520	68.7	11.2	80.0	-232	0.5	0.5	1.0
PIT → CLE	4213	26.8	10.8	37.6	2595	26.4	11.3	37.7	-1618	-0.4	0.5	0.1
PIT → OCA	2688	39.1	11.9	51.1	1456	39.0	11.9	50.9	-1232	-0.2	-0.0	-0.2
PIT → DEN	83	162.4	14.8	177.2	134	174.6	15.8	190.5	51	12.2	1.0	13.2
PIT → DFW					763	145.6	12.8	158.4				
PIT → DTW	2106	38.8	12.0	50.9	2162	37.8	12.3	50.1	56	-1.1	0.3	-0.8
PIT → EWR	3576	53.8	12.0	65.7	2335	54.9	11.4	66.3	-1241	1.2	-0.6	0.6
PIT → JFK	1993	64.4	14.1	78.5	920	64.5	13.3	77.8	-1073	0.0	-0.8	-0.7
PIT → LAX	609	268.0	16.5	284.6	236	266.7	18.1	284.8	-373	-1.3	1.6	0.3
PIT → LGA	4713	56.2	12.6	68.8	3723	58.0	12.5	70.5	-990	1.8	-0.2	1.6
PIT → MIA	1643	130.4	12.7	143.1	935	130.9	13.0	143.9	-708	0.5	0.4	0.8
PIT → MSY	717	123.6	12.7	136.3	416	126.1	11.9	137.9	-301	2.5	-0.9	1.7
PIT → ORD	6589	70.5	14.3	84.8	6381	76.3	14.4	90.7	-208	5.8	0.1	5.9
PIT → PHL	7104	44.7	10.9	55.6	6082	46.2	11.0	57.2	-1022	1.5	0.1	1.6
PIT → SFO	311	283.0	17.5	300.6	143	291.2	16.2	307.4	-168	8.1	-1.3	6.8
PIT → STL	1340	81.3	10.2	91.5	1391	83.6	10.4	94.0	51	2.3	0.2	2.6
PIT → ALL	42226				35153				-9073	1.6	0.0	1.6

TABLE IV-3-18

ROUTE	AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES FOR ROUTE SEGMENTS DEPARTING FROM SEA											
	1973						1974					
	FLITES	AVG AIR	AVG GND	AVG BLOCK	FLITES	AVG AIR	AVG GND	AVG BLOCK	FLITES	AVG AIR	AVG GND	AVG BLOCK
SEA → RNS	86	279.8	15.7	295.5	39	282.7	19.7	302.4	-47	3.0	4.0	6.9
SEA → DEN	2393	121.5	12.0	133.5	1999	121.1	12.9	134.0	-394	-0.4	0.9	0.5
SEA → DFW					775	191.4	11.9	203.3				
SEA → JFK	936	278.3	16.5	294.9	534	279.8	16.4	298.1	-402	1.4	1.6	3.3
SEA → LAX	3503	120.0	11.6	131.6	2021	121.2	13.0	134.2	-1482	1.1	1.5	2.6
SEA → MSP	1285	159.7	12.2	171.9	641	159.0	13.9	172.9	-644	-0.7	1.7	1.0
SEA → ORD	3456	199.8	17.5	217.3	1998	201.6	18.1	219.7	-1458	1.8	0.6	2.4
SEA → SFO	5493	94.4	11.3	105.7	2764	94.1	12.0	106.1	-2729	-0.3	0.6	0.4
SEA → STL	484	191.1	12.0	203.1	354	193.1	13.6	206.6	-130	2.0	1.6	3.6
SEA → ALL	17636				11125				-6511	0.5	1.0	1.6

TABLE IV-3-19

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM SFO

ROUTE	1973			1978			DIFFERENCE					
	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND	FLITES	AVG AIR	AVG GND			
SFO => ATL	1240	239.0	17.1	256.1	636	236.4	17.5	253.9	-604	-2.6	0.4	-2.2
SFO => BOS	1054	293.1	19.8	312.8	460	287.6	22.3	309.8	-594	-5.5	2.5	-3.0
SFO => CLE	358	241.3	18.5	259.8	238	236.3	18.1	256.4	-120	-3.0	-0.4	-3.4
SFO => DEN	3960	114.0	15.8	129.8	1941	115.3	17.0	132.4	-2019	1.3	1.3	2.6
SFO => DFW					2827	169.2	16.2	185.4				
SFO => DTW	1954	231.9	17.6	249.5	1598	231.8	16.6	248.4	-356	-0.1	-1.0	-1.1
SFO => EWR	498	284.4	22.9	307.2	258	284.2	20.0	304.2	-240	-0.2	-2.9	-3.1
SFO => JFK	3690	292.4	21.9	314.3	2360	291.0	22.3	313.3	-1330	-1.3	0.4	-0.9
SFO => LAX	16101	51.4	15.6	67.0	9367	52.4	16.1	68.4	-6734	1.0	0.4	1.4
SFO => MIA	642	277.3	19.4	296.8	217	280.7	29.8	310.5	-425	3.4	10.4	13.8
SFO => MSP	1881	180.4	14.4	194.8	1036	180.9	13.6	194.5	-845	0.6	-0.9	-0.3
SFO => MSY	359	210.9	15.7	226.7	180	211.6	14.7	226.3	-179	0.7	-1.0	-0.4
SFO => ORD	5704	213.9	21.4	235.2	4491	215.6	21.4	237.0	-1213	1.8	-0.0	1.8
SFO => PHL	1494	280.7	20.2	301.0	582	278.9	20.1	299.0	-912	-1.9	-0.1	-2.0
SFO => PIT	316	249.2	20.8	270.1	143	255.7	20.4	276.1	-173	6.4	-0.4	6.0
SFO => SEA	5738	89.0	13.2	102.2	3121	90.8	14.2	105.0	-2617	1.8	1.0	2.8
SFO => STL	920	194.7	16.3	211.0	705	194.1	17.1	211.2	-215	-0.5	0.8	0.2
SFO => ALL	45902				30180				-15729	0.6	0.5	1.1

TABLE IV-3-20

AVERAGE YEARLY AIR, BLOCK AND GROUND TIMES
FOR ROUTE SEGMENTS DEPARTING FROM STL

ROUTE	1973			1974			DIFFERENCE		
	FLIGHTS	AVG AIR	AVG BLOCK	FLIGHTS	AVG AIR	AVG BLOCK	FLIGHTS	AVG AIR	AVG BLOCK
STL → ATL	2652	68.6	13.0	81.6	2374	68.7	13.4	82.1	-278 0.1 0.4 0.5
STL → BOS	837	124.0	15.1	139.1	437	124.4	16.0	140.3	-380 0.3 0.9 1.2
STL → CLE	1582	65.2	14.6	80.0	1299	64.8	14.0	78.7	-283 -0.5 -0.6 -1.3
STL → DCA	1947	89.9	12.6	102.7	1347	90.0	13.5	103.5	-600 0.1 0.7 0.8
STL → DEN	2516	107.5	17.5	125.0	2090	111.6	21.2	132.8	-426 4.1 3.7 7.8
STL → DFW					2157	79.3	13.3	92.6	
STL → DTW	1179	62.4	13.6	76.2	909	61.7	15.1	76.8	-270 -0.6 1.3 0.7
STL → EWR	535	109.7	16.8	126.5	368	109.9	15.6	125.5	-167 0.1 -1.2 -1.0
STL → JFK	544	113.6	17.1	130.8	47	114.1	17.0	131.1	-497 0.3 -0.1 0.2
STL → LAX	1862	200.4	16.4	216.7	1730	206.6	16.9	223.5	-132 6.2 0.5 6.7
STL → LGA	2419	115.2	16.0	131.2	1854	113.9	15.8	129.7	-565 -1.3 -0.2 -1.4
STL → MIA	878	131.6	12.7	144.3	885	133.5	12.8	146.2	-33 1.9 0.0 1.9
STL → MSP	922	64.7	11.1	75.9	878	65.3	11.9	77.2	-44 0.5 0.8 1.3
STL → MSY	683	80.6	11.0	91.6	720	83.6	9.7	93.3	37 3.0 -1.3 1.7
STL → ORD	6862	49.5	12.8	62.3	5795	53.1	11.3	64.5	-1067 3.7 -1.5 2.2
STL → PHL	781	99.5	14.6	114.1	608	101.2	16.6	117.8	-173 1.6 2.0 3.7
STL → PIT	1435	72.1	11.4	83.4	1587	75.0	11.6	86.5	152 2.9 0.2 3.1
STL → SEA	306	216.9	11.2	228.1	488	221.1	12.2	233.2	182 4.2 0.9 5.1
STL → SFO	620	218.6	16.2	234.8	493	222.8	16.7	239.5	-127 4.1 0.6 4.7
STL → ALL	28560				26046				-2514 2.1 0.2 2.2

TABLE IV-4-1

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT ATL
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----
	FLIGHTS	FLIGHTS
	AVG AIR	AVG AIR
	DELAY	DELAY
JAN	2713	1809
FEB	3596	3329
MAR	3745	3477
APR	3599	3259
MAY	4080	3493
JUN	3953	3166
JUL	3698	3176
AUG	4246	4126
SEP	3633	3540
OCT	3548	3537
NOV	3628	3694
DEC	3060	3410
TOTAL	43499	40016

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-2

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT RUS
FROM 19 STUDY AIRPORTS

	-----1973-----		-----1974-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	3573	0:06	2137	0:06
FEB	4159	0:08	3472	0:09
MAR	4513	0:08	3694	0:06
APR	4401	0:08	3474	0:06
MAY	4774	0:08	3421	0:08
JUN	4109	0:10	3204	0:08
JUL	3967	0:09	3035	0:09
AUG	5005	0:09	4567	0:09
SEP	4409	0:07	3825	0:08
OCT	4062	0:09	3805	0:08
NOV	4162	0:07	4110	0:08
DEC	5477	0:07	5431	0:08
TOTAL	50379	0:08	42575	0:08

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-3

AVG AIR AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT CLE
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	
	FLIGHTS	FLIGHTS	AVG AIR DELAY
JAN	2936	435	0:02
FEB	2775	297	0:06
MAR	3052	2526	0:05
APR	2919	2454	0:04
MAY	3141	1258	0:04
JUN	2927	1060	0:04
JUL	2972	1074	0:04
AUG	3511	5005	0:04
SEP	2866	2682	0:05
OCT	2752	2727	0:05
NOV	2792	2112	0:05
DEC	2567	1953	0:05
TOTAL	35010	25563	0:05

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-4

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT DCA
FROM 19 STUDY AIRPORTS

	1973		1974	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	3689	0:06	2135	0:09
FEB	4086	0:08	3458	0:07
MAR	4666	0:08	3869	0:06
APR	4502	0:07	3808	0:07
MAY	4848	0:08	3393	0:07
JUN	4496	0:08	3146	0:07
JUL	4447	0:06	2935	0:06
AUG	4796	0:07	4065	0:07
SEP	4404	0:07	3769	0:11
OCT	4226	0:07	3935	0:10
NOV	4349	0:06	3379	0:07
DEC	3834	0:08	3219	0:07
TOTAL	52343	0:07	41111	0:08

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-5

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT DEN
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	-----1975-----
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	2269	0:04	537 0:05
FEB	2184	0:01	2279 0:05
MAR	2436	0:03	2528 0:08
APR	2319	0:04	2417 0:09
MAY	2409	0:02	1085 0:02
JUN	2152	-0:01	987 0:02
JUL	2219	-0:00	1013 0:00
AUG	2675	-0:03	3058 0:01
SEP	2309	0:00	2627 0:04
OCT	2210	-0:00	2548 0:03
NOV	1771	0:06	2345 0:04
DEC	1805	0:03	2433 0:05
TOTAL	26756	0:01	23857 0:04

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-6

AVERAGE AIRPORT DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT DEW
FROM 12 STUDY AIRPORTS

	1973	1974
	FLIGHTS	FLIGHTS
	AVG AIR DELAY	AVG AIR DELAY
JAN		
FEB	2876	0:09
MAR	2962	0:10
APR	2858	0:09
MAY	3503	0:06
JUN	3208	0:04
JUL	3172	0:01
AUG	3935	0:04
SEP	3412	0:08
OCT	3543	0:06
NOV	3531	0:08
DEC	3547	0:12
TOTAL	36547	0:07

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-7

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT DIA
FROM 19 STUDY AIRPORTS

	1973	1974	1974
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	3068	0:06	960 0:03
FEB	3345	0:06	2528 0:04
MAR	3550	0:06	2710 0:05
APR	3425	0:04	2590 0:03
MAY	3677	0:04	2290 0:04
JUN	3017	0:04	1861 0:02
JUL	3048	0:03	1831 0:05
AUG	3675	0:03	3576 0:03
SEP	3198	0:03	2930 0:04
OCT	2996	0:05	2492 0:04
NOV	3049	0:04	1961 0:04
DEC	2785	0:04	1636 0:06
TOTAL	34833	0:04	27765 0:04

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-8

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT FWR
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	2557	0:04	605 0:04
FEB	2571	0:07	1973 0:04
MAR	2694	0:04	2178 0:04
APR	2612	0:07	2105 0:06
MAY	2895	0:07	1610 0:07
JUN	2498	0:09	1454 0:04
JUL	2497	0:07	1326 0:10
AUG	2897	0:08	2450 0:10
SEP	2544	0:07	2063 0:09
OCT	2394	0:07	2071 0:09
NOV	2262	0:05	2065 0:07
DEC	2024	0:06	1757 0:05
TOTAL	30445	0:07	21657 0:07

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-9

AVERAGE AIRPORT DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT JFK
FROM 19 STUDY AIRPORTS

	1973	1974	1975
	FLIGHTS	FLIGHTS	FLIGHTS
	AVG AIR DELAY	AVG AIR DELAY	AVG AIR DELAY
JAN	2300	421	0:09
FEB	2814	2111	0:09
MAR	3023	2067	0:07
APR	2848	1465	0:10
MAY	3058	1539	0:13
JUN	2800	1441	0:16
JUL	2872	1319	0:17
AUG	3474	2376	0:18
SEP	2893	2024	0:13
OCT	2474	1866	0:13
NOV	2273	1875	0:11
DEC	1943	1836	0:10
TOTAL	32773	21140	0:12

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-10

AVERAGE AIRPORT DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT LAX
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----		
	FLIGHTS	AVG AIR DELAY	FLIGHTS	
			AVG AIR DELAY	
JAN	4420	0:07	1044	0:24
FEB	4265	0:09	3447	0:12
MAR	4713	0:06	4028	0:15
APR	4557	0:04	3759	0:10
MAY	4407	0:04	2043	0:12
JUN	4455	0:00	1854	0:04
JUL	4569	0:00	1827	-0:01
AUG	5106	-0:02	5013	0:05
SEP	4473	0:02	4402	0:07
OCT	4337	0:04	4441	0:09
NOV	3350	0:13	3569	0:09
DEC	3473	0:06	3507	0:11
TOTAL	52525	0:04	39334	0:09

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-11

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT LGA
FROM 19 STUDY AIRPORTS

	1973		1974	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	4458	0:04	2926	0:07
FEB	4922	0:11	4353	0:07
MAR	5341	0:14	4720	0:06
APR	5311	0:12	4763	0:07
MAY	5571	0:12	4024	0:09
JUN	4477	0:13	3619	0:12
JUL	4423	0:09	3195	0:12
AUG	5402	0:11	5144	0:13
SEP	4972	0:09	4687	0:14
OCT	4443	0:10	4878	0:13
NOV	4256	0:07	4627	0:12
DEC	3919	0:08	4362	0:09
TOTAL	57935	0:11	51298	0:10

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-12

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT MIA
FROM 19 STUDY AIRPORTS

	1973	1974
	FLIGHTS	FLIGHTS
	AVG AIR DELAY	AVG AIR DELAY
JAN	1866	1503
FEB	2661	2287
MAR	2424	2545
APR	2706	2485
MAY	2599	2452
JUN	2539	2295
JUL	2559	2043
AUG	2444	2185
SEP	2344	1906
OCT	2162	1956
NOV	2258	1910
DEC	1927	1759
TOTAL	29293	25366

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-13

AVERAGE AIRPORT DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT MSP
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	-----1975-----
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	2043	0:03	174 0:04
FEB	2090	0:03	188 0:05
MAR	2169	0:02	2087 0:06
APR	2090	0:02	1970 0:04
MAY	2273	0:02	1599 0:05
JUN	1981	0:01	1207 0:02
JUL	2051	0:01	1224 0:01
AUG	2497	0:00	2462 0:01
SEP	2287	0:01	2264 0:02
OCT	2312	0:01	2550 0:03
NOV	2555	0:04	603 0:03
DEC	2199	0:03	617 0:05
TOTAL	26351	0:02	18395 0:03

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-14

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT MSY
FROM 19 STUDY AIRPORTS

	1973	1974	1975	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	
			AVG AIR DELAY	
JAN	985	0:06	667	0:09
FEB	1112	0:03	1236	0:07
MAR	1205	0:06	1229	0:06
APR	1169	0:04	1090	0:05
MAY	1296	0:01	1438	0:03
JUN	1273	-0:01	1308	0:04
JUL	1143	-0:03	1183	0:03
AUG	1285	-0:02	1339	0:04
SEP	1090	-0:01	1075	0:05
OCT	1101	-0:01	1156	0:02
NOV	1142	0:02	1325	0:05
DEC	981	0:07	1221	0:08
TOTAL	13782	0:02	14267	0:05

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-15

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT DMJ
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	-----1975-----
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	7965	0:11	2541 0:16
FEB	8534	0:17	7339 0:17
MAR	9155	0:21	8079 0:17
APR	8521	0:12	7744 0:13
MAY	9528	0:11	4742 0:14
JUN	8268	0:09	3992 0:14
JUL	8228	0:10	3990 0:13
AUG	9960	0:08	9849 0:19
SEP	8577	0:15	8494 0:24
OCT	8387	0:11	8502 0:23
NOV	7144	0:11	7832 0:16
DEC	8996	0:17	7435 0:18
TOTAL	101262	0:13	80338 0:18

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-16

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT PHL
FROM 19 STUDY AIRPORTS

	1973		1974	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	5511	0:05	1207	0:09
FEB	5701	0:07	2798	0:08
MAR	5993	0:08	2673	0:06
APR	5869	0:07	2503	0:07
MAY	4077	0:08	2509	0:11
JUN	5693	0:11	2224	0:10
JUL	5588	0:08	2114	0:11
AUG	4116	0:09	3674	0:11
SEP	5690	0:08	3190	0:10
OCT	5081	0:09	4172	0:10
NOV	5265	0:07	3030	0:09
DEC	2916	0:10	2914	0:09
TOTAL	43300	0:08	52008	0:09

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-17

AVIATION AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT PIT
FROM 19 STUDY AIRPORTS

	FLIGHTS 1973	AVG AIR DELAY	FLIGHTS 1974	AVG AIR DELAY
JAN	3410	0:04	936	0:05
FEB	3381	0:04	2870	0:04
MAR	3569	0:04	2573	0:03
APR	3352	0:04	2406	0:03
MAY	3577	0:04	2005	0:04
JUN	3251	0:04	1901	0:04
JUL	4433	0:03	1947	0:06
AUG	3585	0:05	3970	0:07
SEP	4319	0:04	3560	0:09
OCT	2983	0:06	3660	0:07
NOV	2893	0:05	3307	0:07
DEC	2726	0:05	3240	0:07
TOTAL	39379	0:04	32375	0:06

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-18

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT SEA
FROM 19 STUDY AIRPORTS

	1973	1974	1975
	FLIGHTS	AVG AIR DELAY	FLIGHTS AVG AIR DELAY
JAN	1410	0:04	69 0:02
FEB	1299	-0:00	1176 0:07
MAR	1435	0:01	1311 0:07
APR	1396	0:03	1251 0:03
MAY	1489	0:00	957 0:02
JUN	1534	0:00	919 -0:04
JUL	1591	-0:02	946 -0:07
AUG	1613	-0:02	1663 -0:02
SEP	1408	-0:01	1505 -0:00
OCT	1399	0:04	1484 -0:01
NOV	1324	0:10	924 0:05
DEC	1290	0:04	910 0:04
TOTAL	16788	0:02	11617 0:02

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-19

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT SFO
FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----
	FLIGHTS	FLIGHTS
	AVG AIR	AVG AIR
	DELAY	DELAY
JAN	3768	355
FEB	3512	3148
MAR	3921	3297
APR	3747	3111
MAY	4067	1075
JUN	3854	1014
JUL	3837	936
AUG	4289	4129
SEP	3822	3478
OCT	3770	3445
NOV	2859	2671
DEC	2835	2627
TOTAL	44280	29287

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-4-20

AVERAGE AIRBORNE DELAYS BY MONTH
SUMMARY OF FLIGHTS ARRIVING AT STL
FROM 19 STUDY AIRPORTS

	1973		1974	
	FLIGHTS	AVG AIR DELAY	FLIGHTS	AVG AIR DELAY
JAN	2404	0:05	895	0:07
FEB	2569	0:04	2006	0:06
MAR	2789	0:05	2169	0:05
APR	2614	0:03	2081	0:04
MAY	2705	0:03	1616	0:04
JUN	2497	0:00	1443	0:03
JUL	2589	-0:00	1402	0:03
AUG	3063	0:00	3021	0:04
SEP	2649	0:02	2701	0:05
OCT	2688	0:01	2739	0:04
NOV	1721	0:04	2545	0:05
DEC	1635	0:06	2424	0:07
TOTAL	29467	0:03	25042	0:05

-----ALL TIMES ARE IN HOURS AND MINUTES-----

TABLE IV-5-1

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT ATL FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0112	1720	0111	245
01	0108	230		
02	0205	395		
03	0107	574	0112	127
04	0106	266	-0104	56
05	0107	5602	0104	2067
06	0111	332		
07	0100	162		
08	0106	1045	0104	443
09	0116	4195	0117	3719
10	0118	3904	0111	3232
11	0114	3331	0115	3823
12	0112	681	0112	1625
13	0108	3301	0112	2161
14	0110	2200	0111	2494
15	0110	3995	0114	4875
16	0107	2589	0106	1758
17	0110	2496	0112	3084
18	0110	1716	0111	1464
19	0114	6050	0116	6833
20	0111	1359	0107	1211
21	0109	3237	0111	2861
22	0106	141	0115	31
23	0109	5086	0113	5222
TOTAL	0111	52607	0113	47281

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-2

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT BOS FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0108	1236	0104	888
01	0108	736	0109	754
02	0105	737	0115	161
03	0107	730	0111	471
04	0116	2		
05	0113	144	0106	160
06	-0100	638	0113	33
07	0109	634	0106	776
08	0108	2323	0106	1569
09	0107	2756	0109	2568
10	0108	3138	0108	2642
11	0108	2141	0108	2065
12	0108	2016	0107	2669
13	0109	4241	0109	2569
14	0108	2493	0108	2813
15	0107	3064	0107	3005
16	0107	4148	0106	2228
17	0109	3657	0108	3607
18	0109	2921	0110	2560
19	0107	3185	0108	3848
20	0109	5630	0109	3856
21	0108	2623	0107	2682
22	0108	2986	0106	1576
23	0108	1085	0107	990
TOTAL	0108	53264	0108	44490

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-3

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT CLE FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----			-----1974-----		
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS		AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	
00	0:04	509		0:06	225	
01	0:01	191				
02	0:06	540		-0:03	219	
03	0:04	205				
04						
05	-0:04	80		-0:03	356	
06	-0:01	397				
07	0:05	254				
08	0:03	1064		0:06	581	
09	0:09	1925		0:06	1330	
10	0:06	3118		0:06	1718	
11	0:06	1502		0:03	1136	
12	0:04	1236		0:03	984	
13	0:06	2612		0:05	1458	
14	0:04	1854		0:07	1749	
15	0:04	1743		0:04	1065	
16	0:04	3825		0:04	2663	
17	0:04	3256		0:04	1630	
18	0:05	3725		0:05	2653	
19	0:06	1898		0:03	1833	
20	0:03	2099		0:06	2057	
21	0:04	1905		0:05	1504	
22	0:05	1651		0:07	676	
23	0:06	630		0:05	497	
TOTAL	0:05	36219		0:05	24334	

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-4

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DFW FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:05	591	0:05	766
01	0:04	771	0:04	771
02	0:01	1175	0:01	1175
03	0:02	451	0:02	451
04	0:12	1194	0:12	1194
05	0:01	726	0:01	726
06	0:01	332	0:01	332
07	0:07	627	0:07	627
08	0:09	32	0:09	32
09	0:07	1116	0:07	1116
10	0:09	4241	0:09	4241
11	0:05	2374	0:05	2374
12	0:09	2642	0:09	2642
13	0:07	1645	0:07	1645
14	0:06	2818	0:06	2818
15	0:09	2680	0:09	2680
16	0:08	3432	0:08	3432
17	0:07	2318	0:07	2318
18	0:09	3328	0:09	3328
19	0:06	3728	0:06	3728
20	0:07	2046	0:07	2046
21	0:11	900	0:11	900
22	0:09	1060	0:09	1060
23				
TOTAL	0:07	40021	0:07	40021

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-5

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DCA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00				
01				
02				
03				
04				
05				
06				
07	0:05	1495	0:08	1179
08	0:10	2669	0:11	1872
09	0:11	4535	0:11	3372
10	0:08	3300	0:09	2000
11	0:08	3034	0:05	2136
12	0:07	3031	0:10	1936
13	0:06	3432	0:10	3330
14	0:06	3680	0:06	3090
15	0:06	3823	0:08	3315
16	0:08	3697	0:09	2320
17	0:07	2699	0:08	3098
18	0:09	4059	0:08	2617
19	0:08	3109	0:07	3204
20	0:06	5336	0:07	3758
21	0:05	3076	0:06	3512
22	0:06	2902	0:05	1140
23	0:08	434	0:09	6
TOTAL	0:07	54311	0:08	42085

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-6

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DEN FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:03	535		358
01	-0:01	280	0:04	179
02	-0:00	393	0:02	569
03	-0:01	464	-0:02	246
04	-0:04	287	0:02	
05				155
06	-0:06	235	0:03	14
07	-0:03	16	0:05	
08	0:01	1094	0:05	717
09	-0:03	1046	0:04	1400
10	0:01	2604	0:02	2049
11	0:04	1348	0:05	1670
12	0:02	1244	0:04	1238
13	0:02	3005	0:05	2765
14	0:00	1800	0:04	1527
15	0:02	2001	0:03	1632
16	0:02	1077	0:03	1169
17	0:03	2959	0:06	1774
18	0:01	2944	0:04	2057
19	0:02	1172	0:05	1948
20	0:01	1523	0:04	1399
21	0:01	672	0:02	1114
22	0:02	679	0:03	373
23	0:02	185	0:13	8
TOTAL	0:01	27563	0:04	24361

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-7

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT DTW FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----			-----1974-----		
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS		
00	0102	1141	0103	1203		
01	0102	514	0103	316		
02	0104	365	0103	154		
03	0100	265	0103	62		
04	0107	361	0105	313		
05	-0100	176	0101	617		
06	0100	664	0105	475		
07	0103	723				
08	0106	1509	0107	746		
09	0105	2959	0104	1899		
10	0104	1706	0103	1279		
11	0105	2054	0104	1321		
12	0103	1868	0103	1294		
13	0102	2422	0104	2214		
14	0103	1480	0105	617		
15	0103	2253	0103	1554		
16	0106	3918	0105	3072		
17	0105	2765	0105	2169		
18	0105	2025	0104	1332		
19	0103	4137	0103	3295		
20	0104	3634	0103	2761		
21	0104	1283	0104	925		
22	0104	2390	0104	1142		
23	0104	1122	0104	999		
TOTAL	0104	41738	0104	29979		

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-8

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT EWR FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----			-----1974-----		
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS		AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	
00	0102	1086		0101	670	
01	0106	448		0105	229	
02	0104	674		0108	329	
03	0103	121		0107	2	
04				0103	223	
05	-0102	90				
06	0101	307		0104	328	
07	0104	307		0106	155	
08	0108	1349		0107	1048	
09	0106	2314		0105	1447	
10	0107	1164		0107	596	
11	0106	1516		0106	1910	
12	0106	1562		0106	525	
13	0104	968		0105	666	
14	0107	2112		0107	1318	
15	0105	1620		0106	1285	
16	0108	2042		0105	970	
17	0108	2500		0108	2616	
18	0109	2298		0115	1088	
19	0107	2703		0106	1853	
20	0110	3596		0109	1972	
21	0106	1895		0108	1811	
22	0105	2373		0105	1715	
23	0103	725		0102	208	
TOTAL	0107	33390		0107	22964	

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-9

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT JFK FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:09	2508	0:10	2110
01	0:08	1382	0:07	794
02	0:07	1141	0:08	1066
03	0:04	1142	0:06	518
04	0:07	67	0:04	257
05	0:14	446	0:14	63
06	0:08	2360	0:07	1464
07	0:08	961	0:08	617
08	0:11	1094	0:09	316
09	0:08	1068	0:09	575
10	0:09	1282	0:09	560
11	0:06	927	0:09	345
12	0:09	1217	0:09	1108
13	0:08	817	0:08	876
14	0:07	1538	0:07	1166
15	0:12	2855	0:13	2281
16	0:14	3523	0:14	2626
17	0:18	4461	0:16	2702
18	0:17	1989	0:19	1099
19	0:15	2535	0:14	2180
20	0:16	2513	0:15	1817
21	0:15	2194	0:12	830
22	0:13	1526	0:09	355
23	0:10	341	0:07	607
TOTAL	0:12	39887	0:12	26388

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-10

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT LAX FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----			-----1974-----		
	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS	NUMBER OF ARRIVALS	
00	0108	765	0113	1164		
01	0117	1130	0119	1334		
02	0112	1398	0121	1155		
03	0114	687	0111	433		
04	0106	1600	0113	906		
05	0103	627	0108	672		
06	0107	945	0115	612		
07	0107	398	0110	182		
08	0106	859	0107	880		
09	0103	2851	0108	1849		
10	0103	3634	0108	2139		
11	0103	4773	0109	3943		
12	0102	3258	0108	2429		
13	0102	2973	0106	1657		
14	0101	4264	0106	3229		
15	0107	2567	0111	1920		
16	0105	1844	0107	1352		
17	0108	1301	0113	1260		
18	0104	3202	0109	3035		
19	0101	4186	0106	3165		
20	0104	4932	0106	2935		
21	0106	2962	0111	2819		
22	0106	1902	0111	876		
23	0104	1700	0103	1209		
TOTAL	0104	54758	0109	40995		

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE ATR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-11

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT LGA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:01	484	0:02	525
01	0:00	74		
02	0:02	150		
03				
04				
05				
06	0:04	117		
07	0:08	1371	0:08	1073
08	0:12	1699	0:07	1715
09	0:13	3809	0:13	3463
10	0:12	4332	0:10	3608
11	0:11	4413	0:08	3364
12	0:10	2886	0:08	2910
13	0:09	4576	0:08	3750
14	0:07	4881	0:07	4320
15	0:10	3659	0:09	3494
16	0:12	4130	0:10	3597
17	0:12	3625	0:12	3366
18	0:12	3090	0:14	3233
19	0:12	4937	0:14	3976
20	0:11	4583	0:13	4075
21	0:09	3955	0:10	3914
22	0:07	2612	0:06	2403
23	0:03	1266	0:04	426
TOTAL	0:10	60649	0:10	53212

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-12

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT MIA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS	AVERAGE ATR DELAY*	NUMBER OF ARRIVALS
00	0:01	2377	0:02	2268
01	0:06	679	0:04	335
02	0:02	684	0:03	354
03	-0:00	608	0:05	197
04	-0:08	5		
05	0:05	62		
06	-0:12	423	-0:23	13
07	0:04	557	0:03	319
08	0:07	266	0:11	39
09	-0:04	28		
10	-0:00	384	0:00	89
11	0:05	4382	0:06	3422
12	0:05	4481	0:07	5374
13	0:06	2585	0:07	1675
14	0:05	1824	0:06	1653
15	0:03	2795	0:06	2737
16	-0:03	1763	0:03	1486
17	0:03	2328	0:04	1644
18	0:08	591	0:09	249
19	0:06	822	0:07	1211
20	0:03	3223	0:04	3296
21	0:02	1591	0:06	1161
22	0:06	474	0:05	658
23	0:03	2801	0:05	2089
TOTAL	0:03	35733	0:05	30269

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE ATR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-13

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT MSP FROM 19 STUDY AIRPORTS

	-----1973-----	-----1974-----	
LOCAL ARRIVAL HOUR	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	NUMBER OF ARRIVALS
00	0:01	33	71
01	0:02	373	169
02			27
03			
04	0:03	331	177
05	0:02	355	92
06	-0:01	1268	696
07	0:09	17	
08	0:04	237	358
09	0:04	1314	765
10	0:01	1363	1519
11	0:03	1886	1403
12	0:03	766	297
13	0:00	2412	1223
14	0:03	2167	1791
15	0:01	559	541
16	0:04	2300	1958
17	0:01	2407	1235
18	0:01	2132	1848
19	0:03	2394	2084
20	0:02	2198	535
21	0:01	1220	1090
22	0:01	597	516
23	-0:04	268	270
TOTAL	0:02	26636	18665

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-14

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT MSY FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:05	293	0:08	347
01	0:08	93	0:03	75
02				
03	0:01	91	0:05	313
04	0:02	211	0:11	89
05	0:08	58		
06	0:03	611	0:09	261
07	0:06	120		
08	0:06	356	0:06	464
09			0:07	223
10	0:05	1179	0:08	1037
11	0:03	1046	0:05	1357
12	0:03	485	0:06	895
13	-0:03	1168	0:00	454
14	0:05	1200	0:10	1337
15	-0:02	1197	0:00	1511
16	0:01	1507	0:05	1047
17	-0:03	350	0:07	596
18	-0:01	1401	0:01	1065
19	0:01	989	0:03	583
20	0:03	928	0:07	1909
21	0:16	57	0:13	81
22	0:02	422	0:02	197
23	0:00	423	0:03	564
TOTAL	0:02	14185	0:05	14825

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-15

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT ORD FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:05	1642	0:07	1140
01	0:05	1749	0:09	1367
02	0:07	1378	0:09	439
03	0:05	1119	0:09	1190
04	0:05	1564	0:03	446
05	0:04	2450	0:05	1786
06	0:04	1683	0:03	1249
07	0:08	1251	0:08	1375
08	0:12	4303	0:13	3320
09	0:16	6612	0:19	5492
10	0:11	5284	0:12	3752
11	0:11	5495	0:13	6249
12	0:14	6585	0:16	5188
13	0:12	6100	0:15	5536
14	0:11	7418	0:12	4704
15	0:12	5503	0:15	5470
16	0:15	7295	0:22	6204
17	0:19	7402	0:27	6385
18	0:19	6176	0:27	4985
19	0:18	6405	0:28	5959
20	0:18	8047	0:24	5862
21	0:12	4838	0:14	3501
22	0:08	3102	0:08	1337
23	0:05	3497	0:07	2329
TOTAL	0:13	106897	0:17	85704

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-16

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT PHL FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:06	1195	0:05	656
01	0:06	162	0:03	204
02	0:07	757	0:07	652
03	0:03	90	0:05	119
04	0:05	306	0:03	93
05	0:06	109	0:06	64
06	0:05	582	0:12	94
07	0:07	2204	0:08	1227
08	0:11	2383	0:11	1411
09	0:10	2654	0:12	1020
10	0:07	1399	0:13	738
11	0:09	3655	0:10	2354
12	0:09	1692	0:10	1599
13	0:08	1748	0:10	1672
14	0:06	3461	0:09	2297
15	0:08	2398	0:08	2171
16	0:07	2882	0:08	2394
17	0:08	3875	0:10	2430
18	0:11	2962	0:10	1942
19	0:08	2246	0:08	2719
20	0:06	3829	0:07	2026
21	0:07	2430	0:08	2282
22	0:08	2848	0:07	1422
23	0:09	1279	0:08	821
TOTAL	0:08	46754	0:09	34405

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-17

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT PIT FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0102	975	0102	176
01	0102	285	0104	35
02	0105	28		
03	0108	30		
04				
05				
06	0102	238	0105	530
07	0109	1454		
08	0105	1931	0107	2764
09	0109	3496	0108	2160
10	0103	1037	0108	1190
11	0103	1769	0106	1772
12	0104	2339	0106	1697
13	0204	3324	0104	2285
14	0102	2041	0105	2460
15	0102	2038	0105	1216
16	0103	3768	0106	3286
17	0107	3283	0107	2059
18	0105	2249	0107	2667
19	0103	3231	0105	1930
20	0104	3138	0105	2671
21	0105	2533	0106	1798
22	0103	1564	0105	1987
23	0103	1359	0104	629
TOTAL	0104	42110	0106	33510

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-18

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT SFA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:03	90		
01				
02	-0:01	88		
03	0:03	450	0:03	191
04	0:03	429	0:03	272
05	0:02	352	0:06	228
06	-0:04	83		
07				
08				
09	0:06	344	0:07	314
10	0:02	815	0:04	956
11	0:01	1249	-0:01	878
12	-0:00	2487	-0:02	1647
13	0:04	606	-0:02	732
14	0:00	978	0:05	209
15	0:02	1444	0:02	957
16	0:05	434	0:01	448
17	0:04	1001	0:05	457
18	0:04	769	0:06	751
19	0:02	1359	0:03	808
20	0:03	1802	0:02	1326
21	0:02	1866	0:02	765
22	0:00	234	0:04	639
23	0:03	486	0:05	38
TOTAL	0:02	17364	0:02	11655

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-19

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT SEA FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	0:03	628	0:01	575
01	0:04	674	0:02	156
02	0:02	1006	-0:01	460
03	-0:06	444	-0:00	953
04	0:03	319	0:04	140
05	0:06	753	0:07	174
06	0:14	1002	0:17	492
07	0:05	290	0:05	458
08	0:07	1370	0:06	890
09	0:06	1847	0:04	898
10	0:02	2295	0:00	1824
11	0:02	3548	0:05	2260
12	0:05	5192	0:09	2847
13	0:04	2226	0:04	1423
14	0:17	2243	0:16	1799
15	0:05	2612	0:07	2158
16	0:06	1619	0:07	1072
17	0:08	1054	0:05	1235
18	0:03	3785	0:06	2364
19	0:06	3733	0:12	3300
20	0:04	4412	0:08	1446
21	0:09	2670	0:07	1676
22	0:14	1060	0:09	1244
23	0:03	1128	0:04	64
TOTAL	0:06	45910	0:07	29948

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN

TABLE IV-5-20

HOURLY DISTRIBUTION OF AIRBORNE DELAYS FOR FLIGHTS
ARRIVING AT STL FROM 19 STUDY AIRPORTS

LOCAL ARRIVAL HOUR	-----1973-----		-----1974-----	
	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS	AVERAGE AIR DELAY*	NUMBER OF ARRIVALS
00	-0:04	768	0:01	330
01	-0:01	463	0:01	357
02	-0:09	62		
03	-0:07	114		
04				
05	-0:01	171	0:03	226
06	0:02	855	0:02	345
07	0:05	303	0:05	358
08				
09	0:02	2052	0:06	1340
10	0:03	2806	0:04	2147
11	0:06	1156	0:07	1536
12	0:03	1729	0:06	715
13	0:05	1671	0:06	1634
14	0:03	2353	0:04	2058
15	0:01	1186	0:03	1024
16	0:04	1572	0:05	2024
17	0:03	2600	0:04	1940
18	0:02	2580	0:04	1795
19	0:05	1869	0:06	1427
20	0:02	2099	0:06	2538
21	0:01	1699	0:03	1247
22	0:05	1108	0:04	1122
23	0:03	858	0:04	839
			-0:01	523
TOTAL	0:03	30074	0:05	25805

---ALL TIMES ARE IN HOURS AND MINUTES---

* AVERAGE AIR DELAY IS A SUMMATION OF ALL AIRBORNE DELAYS FROM TAKEOFF TO TOUCHDOWN